

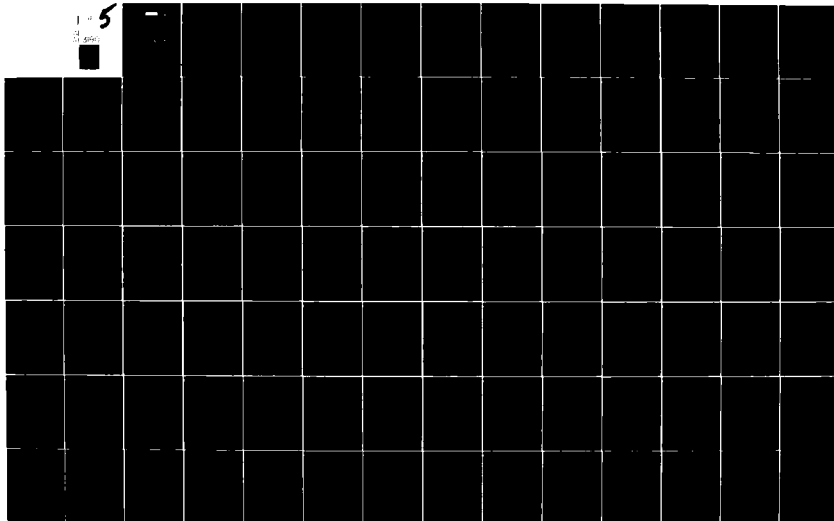
AD-A113 180

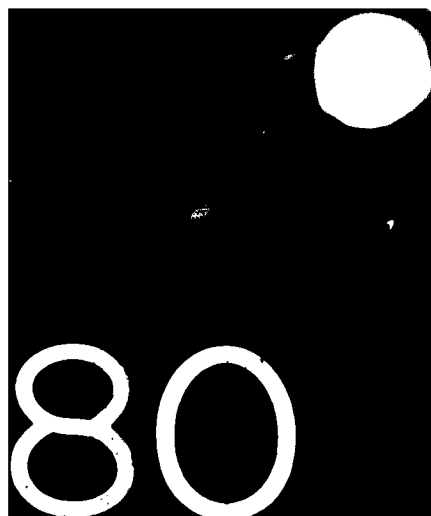
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ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
NOV 81

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S81-AD-E850 134

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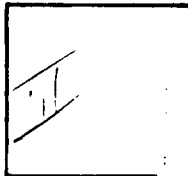


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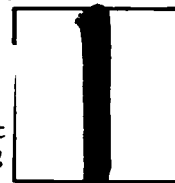
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23 Nov. 81

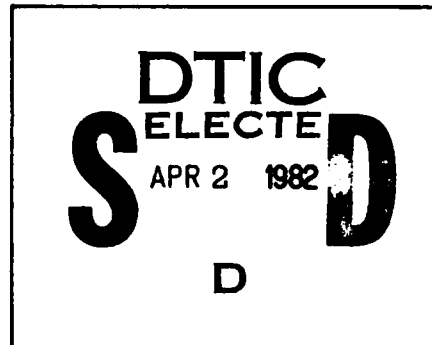
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USAFETAC/DS-81/102

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

ATLANTIC CITY NJ
39 27 N 74 34 ELEV 67 FT ACY
NBA #93730
WMO #72407

PARTS A-F
FOR FROM HOURLY OBS: JUN 73 - MAY 81
FOR FROM DAILY OBS: FEB 45 - MAR 46, JUN 46 - MAY 81
TIME CONVERSION GMT TO LST: -5

NOV 23 1981

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

UNCLASSIFIED		
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)		
REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
USAFETAC/DS- 81/102	AD-A113 180	
4. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Atlantic City, New Jersey		Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		23 Nov 81
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16. DISTRIBUTION STATEMENT (of this Report)		
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
Supersedes Rept. no. USAFETAC/DS-81/002, AD-A095 327.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
<p>This report is a six-part statistical summary of surface weather observations for Atlantic City, New Jersey.</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>		

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* New Jersey

* Atlantic City, New Jersey

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.
Period of Record from Hourly OBS: Jun 73 - May 81
Period of Record from Daily OBS: Jeb 45 - Mar 46, Jun 46 - May 81

UNCLASSIFIED

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or records-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations. (Selected records-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. Summaries are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
93730	ATLANTIC CITY NAPEC POMONA APT NJ	N 39 27	W 074 34	67	ACY	72407

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
1	Atlantic City N. J.	NAS	Feb 45	Aug 46	N 39 27	W 074 35	80	67 ft	24
2	Same	Same	Sep 46	Apr 47	Same	Same	Same	Same	18
3	Same	Same	May 47	Jun 58	Same	Same	Same	Same	24
4	Atlantic City Pomona Apt N. J.	NWS	Jul 58	Dec 64	Same	W 074 34	67	Same	24
5	Same	Same	Jan 65	24 Oct68	Same	Same	Same	Same	24
6	Same	Same	25 Oct68	Jun 72	Same	Same	Same	118 ft	24
7	Same	Same	Jul 72	Jun 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 45to Dec 49	Located on roof of Operations Bldg	Anemometer	N/A	58 ft	
2	Jan 50to Apr 54	Located on top of Control Tower.	AN/UMQ-5A	RD-108B	68 ft	
3	May 54to Jun 58	Same	Same	Same	Same	
4	Jul 58to 10 Aug58	Same	F420C	Easterli- ne Angus	73 ft	
5	11 Aug58 to Jan62	Same	Same	F312	Same	
6	Feb 62to Jun 81	Located on the field	Same	Same	20 ft	

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	3-22		.2	.1	4.3		13.4	14.1	1.9			15.7	744
	4-30		9.7	.4	4.7		14.0	15.1	1.2			16.3	747
	5-31		9.0	.5	4.2		13.7	18.6	2.3			20.7	743
	6-11		8.9	.4	5.1		14.2	17.7	2.7			17.9	744
	7-14		8.9	.5	5.2		15.1	14.1	3.4			17.2	744
	8-17		10.3	.1	4.3		14.7	13.3	3.6	.1		17.5	744
	9-2	.1	10.3	.4	4.0		14.7	11.8	2.8			16.4	744
	1-23		7.5	.4	4.7		12.5	12.1	2.6			14.2	744
TOTALS		.3	9.3	.4	4.7		14.0	14.6	2.6	.1		16.4	5957

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AFAC
U.S. WEATHER SERVICE/AFAC

WEATHER CONDITIONS

STATION PLANTIC CITY NJ 14-81 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
12-1	0-23		6.6	1.0	4.9		12.1	12.2	2.1	.4		14.7	679
	01-23		7.9	1.3	2.5		12.1	13.6	.9	.3		14.8	679
	04-23		7.8	.9	3.4		11.7	17.4	1.3	.3		18.6	677
	07-11		6.3	.4	4.7		11.8	14.9	2.1	1.2		17.9	677
	11-14		6.6		5.6		12.1	12.4	1.7	.2		14.6	678
	15-17		7.4		3.7		12.6	11.5	2.8	.6		18.9	677
	18-20	.1	6.7	.6	3.8		13.1	9.6	3.5	.9		13.7	679
	1-23	.1	6.6	.3	6.2		15.0	12.8	2.2	.7		15.9	679
TOTALS		.2	7.4	.5	4.4		12.1	13.1	2.1	.7		15.5	5419

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WEATHER CONDITIONS

YEARS

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	MAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
10-02	00-02	.1	8.7	.4	2.3		1.0	9.0	1.2			10.3	744
	03-05	.1	9.3	.3	.9		1.0	10.3	1.0			11.4	744
	06-08	.1	11.3		1.5		12.0	15.1	4.5			16.7	744
	09-11	.1	11.0		2.4		13.3	12.0	0.2			15.0	744
	12-14	.1	12.1		2.2		14.0	10.9	3.0		.1	16.0	744
	15-17		10.9		2.5		12.6	12.0	4.4			16.3	744
	18-20	.1	10.2		2.6		12.2	12.0	5.0			16.0	744
	1-23	.1	8.3	.4	3.1		11.0	11.6	1.6			16.2	744
TOTALS		.1	10.4	.1	2.2		12.3	11.6	.3		.0	14.0	5102

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WEATHER CONDITIONS

STATION ATLANTIC CITY, NJ YEARS 74-81 MONTH 12

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	0-02	.7	8.6		.0		6.9	10.7	1.3			11.7	727
	3-05	.1	7.9		.3		9.1	12.4	2.1			13.3	727
	6-08	.4	10.1		.1		10.3	16.7	2.7			19.8	727
	9-11		6.2		.3		9.5	10.0	3.3			12.8	727
	12-14		1.4				10.5	8.8	5.7			17.2	727
	3-17	.4	11.3		.2		11.3	11.7	9.5			32.5	727
	6-20		6.5		.4		8.7	11.7	4.8			15.4	727
	9-23	.7	11.3				10.3	12.1	3.3			14.7	727
TOTALS		.3	7.5		.3		9.7	11.8	3.4			14.1	5761

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WEATHER CONDITIONS

U.S. AIR CLIMATOLOGY BRANCH
 WASH. D.C.
 AIR WEATHER SERVICE/MAC

STATION ATLANTIC CITY NO 74-01 YEARS MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	10-02	.7	9.1				9.1	23.9	4.1			27.1	744
	1-15	.4	5.6				5.6	11.1	5.2			34.3	740
	1-05	.4	10.5				10.9	29.5	7.4			34.3	744
	1-11	.1	1.5				10.5	15.7	10.5			24.9	744
	10-14	.1	9.4				9.4	9.3	11.7			2.3	744
	15-17	.7	7.7				7.7	9.1	12.6			2.1	744
	18-21	1.3	11.2				10.2	13.1	10.9			24.9	740
	1-23	1.2	9.2				9.2	21.1	8.2			27.1	741
TOTALS		.5	7.7				9.5	19.2	8.6			21.7	5946

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

U.S. DEPARTMENT OF COMMERCE
NATIONAL METEOROLOGICAL SERVICE
ATLANTIC CITY, N.J.

WEATHER CONDITIONS

STATION

ATLANTIC CITY, N.J.

STATION NAME

75-81

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	1-2	1.7	6.5				6.5	11.4	1.6			2.4	720
	3-11	.6	6.4				6.4	35.5	10.4			13.3	719
	12-19		6.5				6.5	20.4	15.7			47.1	720
	20-28	.1	7.5				7.5	9.6	16.7			24.4	720
	29-31	.4	6.9				6.9	5.6	16.9			21.9	720
	1-17	1.5	7.5				7.5	6.3	16.4			22.7	719
	18-26	2.1	6.7				6.7	8.6	16.9			27.1	720
	27-31	3.5	7.5				7.5	13.9	14.7			27.1	720
TOTALS		1.2	6.5				6.5	16.4	15.1			17.0	5758

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

JUNIOR CLIMATOLOGY BRANCH
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 METEOROLOGICAL SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NC STATION NAME 73-81 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	0-00	2.0	4.6				4.0	21.0	26.0			41.0	744
	3-00	.7	4.7				4.7	34.9	20.0			1.0	744
	6-00	.3	4.0				4.0	21.9	32.0			53.0	744
	9-11	.0	4.0				4.0	7.7	32.0			37.1	744
	12-14	1.2	4.0				4.0	3.0	33.1			35.0	744
	15-17	1.2	5.7				5.7	3.6	36.6			19.0	743
	18-20	2.4	5.4				5.4	7.9	36.6			41.4	744
	1-23	1.6	5.6				5.6	12.1	32.1			39.1	744
TOTALS		1.4	5.0				5.0	15.4	32.0			47.3	5051

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

ATLANTIC CITY
NAVY SERVICE CENTER

WEATHER CONDITIONS

73 STATION ATLANTIC CITY, NJ 73-81 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	0-01	2.2	6.7				6.7	22.6	20.3			37.6	744
	3-05	1.6	5.4				5.4	34.1	21.4			41.6	744
	06-08	.7	6.3				6.3	39.5	33.6			53.7	744
	09-11	.7	4.4				4.4	6.6	34.4			39.9	744
	12-14	1.2	4.3				4.3	3.0	32.7			31.1	744
	15-17	3.1	4.0				4.0	5.1	35.5			37.1	743
	18-20	3.9	7.7				7.7	5.6	35.4			31.4	747
	21-23	2.7	5.0				5.0	12.0	27.9			31.9	743
TOTALS		6.0	5.6				6.5	15.9	30.3			41.1	5449

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JULY 64

WEATHER CONDITIONS

STATION ATLANTIC CITY NJ STATION NAME 73-87 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	10-22	.8	7.8				7.8	15.6	9.4			22.6	720
	7-21	.1	7.6				7.6	27.4	9.6			31.9	720
	6-18	.3	7.0				6.8	12.1	15.1			40.2	720
	4-11		4.9				4.9	9.8	14.7			31.1	720
	12-14	.1	5.4				5.4	6.7	11.3			17.5	720
	15-17	.7	6.4				6.4	6.0	12.2			17.9	720
	14-20	1.5	5.9				5.9	4.8	15.7			21.1	720
	1-23	.8	6.9				6.9	11.3	13.1			20.9	720
TOTALS		.5	7.0				7.0	14.0	12.6			24.5	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

AL CLIMATOLOGY FOR OF

STATION SERVICE/ PAC

WEATHER CONDITIONS

STATION

ATLANTIC CITY NC

STATION NAME

73-80

YEARS

207
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	00-01	.1	8.3				8.3	15.6	1.9			17.3	744
	02-03	.1	12.0				12.0	18.7	1.1			18.2	744
	04-05	.3	12.0				12.0	23.3	4.0			21.3	744
	06-07		1.2				11.2	12.4	6.0			14.3	744
	08-09		8.3		.3		8.5	5.9	2.4			9.1	744
	10-11	.1	9.1				9.1	6.0	3.5			18.3	744
	12-13	.1	9.7				9.7	9.0	4.0			12.7	744
	14-15	.1	6.0				6.0	10.1	2.0			18.2	743
	16-17												
	18-19												
	20-21												
	22-23												
TOTALS		.1	9.5		.3		9.5	13.9	5.2			14.7	5951

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

METEOROLOGICAL CLIMATOLOGY BRANCH
 AFSTAC
 AIR FORCE WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NJ STATION NAME 73-81 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	0-0		10.7		.5		11.1	16.7	1.7			17.8	720
	1-01		8.3		.5		9.6	16.5	1.1			17.8	720
	2-02		7.5		.6		9.9	23.5	3.3			25.7	720
	3-11		10.4		.7		10.6	16.1	4.0			18.0	720
	12-14		11.4		.1	.1	10.4	10.6	4.2			14.0	720
	15-17		9.6		.1		9.7	10.6	5.3			14.4	720
	18-20	.1	7.4		.1		9.4	13.5	2.6			15.7	720
	1-23		10.4		.7		11.8	16.9	3.3			19.0	720
TOTALS		.1	10.4		.4	.1	10.1	15.7	2.2			14.1	576

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

WEATHER CONDITIONS

STATION

ATLANTIC CITY NJ

73-60

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
0-1	0-01		5.7	.4	2.6		12.0	1.7	.2			1.1	744
	1-01		5.7	.7	2.2		10.7	4.7	.5			.3	744
	2-01		11.2	.5	2.2		12.9	12.8	2.2			14.5	744
	3-11		10.7	.5	.9		11.8	12.8	2.1			13.2	744
	4-14		9.7	.1	.5		9.7	8.7	2.6			10.4	744
	5-17		9.3	.4	1.5		11.4	10.5	3.2			17.0	744
	6-21		11.3	.4	2.7		12.6	9.8	2.3			12.2	744
	7-23		11.6	.4	2.3		14.1	10.1	1.0			11.2	744
TOTALS			11.1	.4	1.3		11.3	10.4	2.0			10.1	5752

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMSTAC
 U.S. WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY, NJ STATION NAME 73-51 YEARS ALL MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	ALL	.0	5.3	.4	4.7		14.0	14.0	2.0	.0		10.0	5950
JAN		.0	7.4	.6	4.4		12.1	13.1	2.0	.7		14.5	5415
FEB		.1	10.4	.1	2.2		12.3	11.5	3.3		.0	14.9	5952
MAR		.3	7.5		.1		9.7	11.8	3.4			14.8	5760
APR		.6	4.3				9.5	15.2	4.8			21.7	5946
MAY		1.2	4.0				6.4	16.4	15.0			11.0	5798
JUN		1.4	5.0				5.0	15.4	32.0			12.3	5951
JUL		1.0	5.5				5.5	15.9	30.0			41.1	5949
AUG		.1	7.0				7.0	14.6	12.6			24.5	5760
SEP		.1	4.0		.0		9.5	13.9	3.2			15.7	5951
OCT		.0	4.0		.4	.0	10.1	15.7	3.2			11.1	5760
NOV			10.0	.4	1.8		12.0	10.4	2.0			11.2	5151
DECEMBER													
TOTALS		.5	5.3	.1	1.2	.0	9.5	14.4	9.9	.1	.0	22.8	70107

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

U.S. AIR FORCE
 CLIMATE DIVISION
 WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS**
 XXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

STATION ATLANTIC CITY NJ STATION NAME 45-81 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	34.2	2.2	21.6	.2	47.8	37.9	28.3	2.2		57.2	1115
FEB		1.2	36.6	2.3	23.3	.1	46.8	39.3	29.1	1.2		51.5	1044
MAR		3.5	43.1	.4	14.6	.2	49.5	42.5	29.1	1.5		53.1	1145
APR		6.9	47.6	.2	2.5	.6	48.1	43.9	28.3			52.5	1080
MAY		11.5	50.1		.1	.4	50.1	51.7	37.5			61.6	1116
JUN		15.4	42.3			.2	42.3	58.9	53.9			71.5	1065
JUL		18.5	41.2			.2	41.2	62.4	65.8			70.1	1115
AUG		17.1	39.1				39.1	65.6	64.6			78.3	1115
SEP		6.0	36.2				36.9	55.2	46.2			55.0	1080
OCT		2.7	34.4		.5		34.4	50.3	35.3			58.5	1116
NOV		1.4	40.5	.1	3.9	.1	42.3	42.3	30.2	.1		51.3	1079
DEC		.7	38.7	1.3	14.3		46.4	38.8	30.7	1.1	.1	52.7	1115
TOTALS		7.1	40.3	.5	6.7	.2	43.8	49.1	39.9	.6	.0	60.5	15176

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

97730

ATLANTIC CITY NJ

45-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	53.7	12.0	1.9	5.8	4.9	9.3	6.7	4.0	2.3					35.0	1116	3.46	7.71	.26
FEB	51.8	14.1	2.9	6.4	4.5	6.5	5.6	6.4	1.7	.1				34.1	1043	3.22	5.98	.69
MAR	50.4	14.9	3.0	6.6	5.2	5.2	6.3	5.2	3.1	.1				34.7	1143	3.77	6.80	.62
APR	51.5	13.8	3.4	6.2	3.8	8.3	5.8	4.9	2.2	.1				34.7	1078	3.28	7.05	.64
MAY	49.5	17.7	3.0	7.4	4.4	6.2	4.7	4.7	2.2	.3				32.9	1116	3.35	1.51	.52
JUN	57.4	14.0	3.7	6.2	3.1	4.9	4.2	4.6	2.0					28.6	1065	2.65	6.36	.10
JUL	58.6	12.9	2.6	5.4	2.0	5.4	5.1	4.7	2.7	.6	.1			28.5	1116	4.05	13.09	1.30
AUG	60.4	11.4	1.3	4.6	3.6	5.2	4.9	4.4	3.1	1.0	.1			28.1	1116	4.64	11.98	.44
SEP	63.1	12.5	2.0	5.2	3.9	4.3	3.5	2.7	2.4	.5				24.4	1080	2.78	6.27	.41
OCT	65.6	11.0	1.7	5.1	2.5	4.4	3.6	2.8	3.2	.1				23.4	1116	2.94	6.78	.15
NOV	57.3	11.9	2.4	5.6	3.2	6.3	4.5	5.4	3.0	.4				30.8	1080	3.68	9.65	.68
DEC	53.7	15.3	2.7	4.7	4.0	6.0	4.7	6.4	2.6					31.1	1114	3.53	7.33	.62
ANNUAL	56.0	13.5	2.5	5.8	3.8	6.0	5.0	4.7	2.5	.3	.0			30.5	13183	41.39		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-21 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		1.11	.28	.56	.83	.38	1.04	.86	.89	.52	1.08	.98	
46	.37	.34	1.76			.70	1.11	.64	.55	.71	.34	.38	
47	1.00*	.34*	.61*	.58	.85	.63	1.12	1.37	.37	.43	.87*	1.10	1.37
48	2.28	.40*	.76	1.26	2.95	1.08	.88	4.97	.72	1.74	1.50	1.43	4.97
49	1.56	1.19	1.03	.89	.80	.11	.83	4.15	.56	1.65	1.55	.53	4.15
50	.60	.86	.82	.53	.57	.70	.44	1.12	1.75	.79	3.43	.75	3.43
51	.84	1.31	1.47	.81	1.37	1.42	1.29	.32	2.40	1.26	1.93	1.82	2.40
52	.90	.90	1.01	3.36	1.39	.51	1.18	3.21	.82	.34	1.95	1.75	3.36
53	1.48	1.95	1.76	.95	1.54	1.05	2.06	3.92	.35	1.76	2.12	1.84	3.92
54	.50	.88	.71	1.61	.75	.06	1.07	2.20	2.94	.83	1.86	1.41	2.94
55	.18	.89	.68	.64	.28	2.42	1.49	2.18	.47	2.50	.70	.58	2.50
56	.41	.83	1.13	.61	.54	1.00	2.97	.99	.87	2.56	1.01	1.00	2.97
57	.59	.62	1.91	1.54	.27	.63	.82	.55	1.03	.85	.86*	1.27	1.91
58	1.62	2.35	1.32	.99	.90*	.50	3.63	4.33	2.37	2.49	1.04	1.28	4.33
59	.42	.69	1.10	.94	4.15	.76	6.46	1.17	.92	1.43	2.83	.97	6.46
60	.91	1.88	1.78	.69	.64	.33	2.31	.65	3.06	1.18	.69	1.02	3.06
61	1.89	1.08	1.67	1.43	.94	1.16	1.24	.59	1.59	1.36	1.03	.94	1.89
62	2.47	1.03	2.22	1.34	.91	1.11	.47	2.81	1.86	.68	1.37	1.35	2.81
63	.71	1.26	1.07	.90	1.94	1.52	1.46	.83	1.91	.10	1.93	.90	1.94
64	1.74	.81	1.60	1.79	1.29	.54	2.04	1.00	1.76	.94	.64	1.12	2.04
65	1.09	1.10	1.06	.51	.82	.26	1.47	.72	.50	.64	.32	.62	1.47
66	.98	2.58	.23	.64	.83	1.28	1.01	6.40	2.63	2.03	.76	1.41	6.40
67	.76	.75	1.45	1.12	2.41	1.02	.71	4.96	.55	1.64	.86	1.37	4.96
68	2.17	.82	1.68	1.13	2.10	1.21	.73	1.47	.19	1.12	.78	1.50	2.17
69	.88	.93	1.17	1.24	1.26	.47	4.60	.69	1.10	1.32	1.33	1.70	4.60
70	.32	.84	.62	1.15	.52	1.55	1.10	1.21	.36	1.12	1.80	1.46	1.80
71	1.05	1.90	.40	.44	.78	.50	1.32	3.07	2.58	1.69	1.62	1.46	3.07
72	.77	1.04	1.17	1.05	.75	1.76	1.55	.28	1.06	1.84	2.85	1.17	2.85
73	.88	2.17	1.19	1.11	.74	1.09	.97	.59	3.86	1.90	.56	1.79	3.86
74	.65	.91	1.40	.71	1.15	1.25	.80	1.89	.72	1.69	.50	1.90	1.90
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (O/LA)
JUL 64

EXTREME VALUES

PRECIPITATION

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-91

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-81

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		2.53	.62	1.24	1.85	1.98	4.55	3.99	1.83	1.25	3.83	4.10	
46	2.04	1.46	3.29			2.59	1.56	2.81	1.21	.92	.72	.71	
47	3.62*	.69*	1.20*	2.11	3.48	1.64	3.68	2.18	.99	.70	3.43*	2.31	*26.03
48	7.71	2.49*	3.45	3.00	11.51	4.81	3.86	11.02	1.09	3.32	6.97	6.57	*65.80
49	6.18	4.93	3.04	2.43	3.08	.28	2.36	8.93	1.86	3.66	2.27	2.32	41.34
50	2.01	3.46	3.57	1.76	3.08	2.91	1.89	1.76	4.32	1.54	5.59	3.22	35.11
51	2.27	2.85	3.74	2.17	3.50	5.73	3.28	1.36	3.75	3.26	5.04	5.53	42.48
52	5.59	2.06	5.65	7.95	6.63	1.57	3.65	7.31	1.36	.60	6.05	4.66	53.08
53	5.41	4.05	6.80	4.69	7.89	3.08	3.17	5.29	.46	3.27	5.84	3.79	53.74
54	1.76	1.49	3.04	3.40	2.82	.10	2.73	4.67	4.53	1.64	4.72	4.24	35.14
55	.26	2.94	3.76	2.24	.74	4.42	1.79	5.52	1.25	4.64	1.93	.62	30.11
56	1.97	4.12	4.02	2.18	2.50	4.92	6.33	4.10	3.30	6.78	3.25	4.00	47.47
57	2.86	3.06	4.01	5.31	.40	2.73	1.30	2.00	3.00	1.73	4.18*	5.69	*36.27
58	4.67	5.98	5.44	4.19	4.38*	.52	10.92	9.48	3.71	6.11	2.71	2.64	*60.75
59	1.59	1.86	3.84	3.33	5.03	1.29	13.09	3.57	1.48	4.37	5.15	3.15	47.75
60	2.69	5.71	3.67	2.34	2.21	.77	5.84	2.36	4.03	3.08	1.74	3.46	37.90
61	4.06	4.52	6.36	3.12	3.17	3.00	3.40	1.73	3.36	4.73	2.83	3.38	43.66
62	4.21	3.47	5.42	3.50	1.77	4.20	1.72	5.29	3.09	2.04	4.88	3.84	43.43
63	2.94	2.50	5.21	1.39	2.95	3.07	2.60	2.93	4.35	.15	6.46	2.35	36.90
64	6.35	4.32	2.80	7.59	1.46	.84	2.79	1.63	5.91	2.67	1.18	3.47	41.01
65	3.58	2.44	3.75	2.00	2.59	1.24	2.61	2.40	1.60	1.18	.79	1.09	25.27
66	3.45	5.17	.70	2.58	3.17	1.87	2.59	9.04	6.27	3.73	1.91	4.81	45.29
67	1.16	3.24	3.78	2.76	3.68	1.37	4.19	11.98	1.50	2.86	1.72	5.57	43.81
68	2.77	1.69	4.99	1.50	5.55	2.86	1.75	2.20	.43	2.73	3.10	3.89	33.46
69	1.68	2.38	3.19	3.55	1.68	1.42	12.64	2.56	1.65	2.09	4.28	7.33	44.45
70	1.50	3.08	3.11	4.66	1.81	6.36	2.83	2.70	.41	3.73	5.73	3.04	38.96
71	2.67	5.26	1.64	1.29	1.88	.69	3.65	10.40	4.39	4.20	5.02	2.08	43.17
72	2.93	4.31	3.59	4.62	3.51	4.82	2.81	.44	3.66	5.11	9.65	3.63	49.08
73	3.26	3.63	3.08	4.39	3.08	4.32	3.28	2.05	4.73	2.74	1.43	5.48	41.47
74	3.47	2.40	4.62	2.66	2.61	2.52	1.99	5.50	2.95	1.90	1.08	4.76	36.46
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

EXTREME VALUES

MONTHLY PRECIPITATION

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-81

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 111 44 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93730

ATLANTIC CITY NJ

45-81

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	78.9	10.9	3.0	3.3	1.9	.7	.4	.4	.3	.1				10.2	1116	5.1	15.9	.0
FEB	78.2	10.8	3.9	3.6	1.3	.4	.6	.7	.4	.2	.1			11.1	1040	5.7	35.2	.0
MAR	86.0	9.3	2.1	1.0	.7	.3	.2	.3	.2	.1				4.7	1146	2.5	17.6	.0
APR	97.8	1.8	.1	.1	.2	.1								.5	1080	.2	3.2	.0
MAY	99.9	.1													1116	TRACE	TRACE	.0
JUN	100.0														1065	.0	.0	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1116	.0	.0	.0
SEP	100.0														1080	.0	.0	.0
OCT	99.5	.5													1116	TRACE	TRACE	.0
NOV	96.1	3.1	.3	.2	.2	.1			.1					.8	1080	.5	7.8	.0
DEC	86.1	8.7	2.2	1.6	.4	.2	.2	.5						5.2	1115	2.2	10.4	.0
ANNUAL	93.9	3.8	1.0	.8	.4	.1	.1	.2	.1	.0	.0			2.7	13186	16.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

93730

ATLANTIC CITY NJ

45-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	6.0	
46	4.0	1.1	.0			.0	.0	.0	.0	.0	.0	.1	
47	.0*	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1
48	5.0	4.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
49	.5	3.5	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.5
50	1.0	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
51	1.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0
52	.1	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	1.6
53	1.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	3.2	TRACE	7.0
54	5.0	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	5.0
55	.5	4.5	.9	.0	.0	.0	.0	.0	.0	.0	.4	.1	4.5
56	2.6	.5	6.0	2.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.0
57	4.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE*	2.1	4.0
58	7.4	9.0	5.0	TRACE	.0*	.0	.0	.0	.0	.0	.0	2.8	9.0
59	2.5	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.5
60	.4	2.2	9.2	TRACE	.0	.0	.0	.0	.0	TRACE	.0	6.2	9.2
61	8.0	4.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0
62	5.3	2.4	3.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	5.3
63	1.9	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
64	12.9	5.3	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	12.9
65	5.0	1.5	1.6	3.2	.0	.0	.0	.0	.0	.0	.0	.0	5.0
66	5.3	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4	6.4
67	.9	11.1	.8	TRACE	.0	.0	.0	.0	.0	.0	7.8	2.1	11.1
68	.5	2.5	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.3
69	.5	5.1	11.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	11.5
70	3.4	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.4
71	3.0	1.7	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.0
72	2.2	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	2.4
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	.4
74	.4	8.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	8.3
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-81

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	10.4	
46	4.0	2.0	.0			.0	.0	.0	.0	.0	.0	.1	
47	.0*	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* .1
48	8.6	9.1*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	* 18.9
49	.6	3.9	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.0
50	1.0	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.6
51	1.2	1.9	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	8.3
52	.2	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	3.0
53	2.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	5.2	TRACE	17.3
54	8.4	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	9.5
55	.8	6.7	.9	.0	.0	.0	.0	.0	.0	.0	.4	.2	9.0
56	4.8	.5	12.7	2.9	.0	.0	.0	.0	.0	.0	TRACE	TRACE	20.9
57	8.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE*	3.4	* 11.6
58	8.4	19.0	5.3	TRACE	.0*	.0	.0	.0	.0	.0	.0	5.1	* 37.8
59	2.7	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	6.2
60	.6	3.6	13.4	TRACE	.0	.0	.0	.0	.0	TRACE	.0	8.6	26.2
61	15.9	7.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24.7
62	7.1	4.6	3.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	20.7
63	4.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	12.3
64	15.1	12.0	3.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	31.5
65	8.2	3.3	2.8	3.2	.0	.0	.0	.0	.0	.0	.0	.0	17.5
66	15.1	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.5	31.6
67	1.1	35.2	2.1	TRACE	.0	.0	.0	.0	.0	.0	7.8	3.9	50.1
68	.8	4.2	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	11.1
69	.5	7.0	17.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	25.7
70	10.3	5.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4	17.6
71	7.2	1.9	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	10.1
72	2.9	5.9	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	8.8
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	.5
74	.4	9.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	10.5
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

45-81 _____ YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93730

ATLANTIC CITY NJ

45-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	76.3	9.6	5.6	2.6	1.0	3.3	1.6							14.2	1116			
FEB	75.5	9.0	4.3	3.1	1.1	4.2	2.2	.6						15.5	1045			
MAR	90.3	4.6	1.4	1.6	.5	1.0	.5							5.1	1146			
APR	99.4	.5	.1	.1										.2	1080			
MAY	100.0														1116			
JUN	100.0														1065			
JUL	100.0														1116			
AUG	100.0														1116			
SEP	100.0														1080			
OCT	100.0														1116			
NOV	99.7	.8	.2											.2	1080			
DEC	88.6	6.4	1.5	.6	1.3	1.5	.1							5.0	1116			
ANNUAL	94.1	2.6	1.1	.7	.3	.8	.4	.0						3.3	13192			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-81 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		3	0	0	0	0	0	0	0	0	TRACE	6	
46	4	2	0			0	0	0	0	0	0	0	
47	0	10	0	0	0	0	0	0	0	0	0	TRACE	10
48	7	5*	0	0	0	0	0	0	0	0	0	TRACE	7
49	TRACE	4	TRACE	0	0	0	0	0	0	0	0	0	4
50	1	TRACE	0	0	0	0	0	0	0	0	TRACE	0	1
51	0	1	0	0	0	0	0	0	0	0	TRACE	TRACE	1
52	TRACE	0	7	0	0	0	0	0	0	0	TRACE	TRACE	7
53	1	2	4	0	0	0	0	0	0	0	1	TRACE	4
54	7	TRACE	0	TRACE	0	0	0	0	0	0	0	TRACE	7
55	1	4	TRACE	0	0	0	0	0	0	0	TRACE	0	4
56	3	10	9	TRACE	0	0	0	0	0	0	0	TRACE	10
57	2	TRACE	TRACE	TRACE	0	0	0	0	0	0	TRACE	2	2
58	7	9	5	0	0*	0	0	0	0	0	0	4	9
59	1	0	TRACE	1	0	0	0	0	0	0	0	TRACE	1
60	0	1	7	0	0	0	0	0	0	0	0	7	7
61	10	5	TRACE	0	0	0	0	0	0	0	0	TRACE	10
62	6	2	2	0	0	0	0	0	0	0	0	TRACE	6
63	2	1	0	0	0	0	0	0	0	0	0	3	3
64	8	5	2	0	0	0	0	0	0	0	0	1	8
65	6	1	1	2	0	0	0	0	0	0	0	0	6
66	9	11	0	0	0	0	0	0	0	0	0	6	11
67	1	17	TRACE	0	0	0	0	0	0	0	0	6	17
68	1	1	4	0	0	0	0	0	0	0	0	4	4
69	TRACE	2	11	0	0	0	0	0	0	0	0	TRACE	11
70	5	2	0	0	0	0	0	0	0	0	0	TRACE	5
71	3	1	TRACE	0	0	0	0	0	0	0	0	TRACE	3
72	3	2	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
74	TRACE	8	0	0	0	0	0	0	0	0	TRACE	0	8
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY, NJ
STATION STATION NAME

45-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		NW 48W	43WNW	57NW	59SW	65SW	41W	34ENE	45S	43SSW	54NW	50	
46	NW	45W	60WNW	52		N	54S	38N	32NW	41WNW	47W	44W	59
47	WNW	52WNW	56W	60SSW	48S	40	S	27N	24WSW	38NNW	34NW	49NW	42
48	NNW	46NW	*46SSW	46NW	58NW	43NW	45SSW	51NW	34NNW	41N	52S	43NNW	48 NW 58
49	WNW	*45WNW	*50NW	*49	NW	35W	*31SW	36WSW	35NW	29NE	33NW	*38NW	36
50	NW	44NW	*42W	46NNW	36W	32WSW	*30WSW	36MSW	30MNW	29W	38ESE	60NW	38 ESE 60
51	W	50NW	47ENE	46SW	41ENE	34W	40WNW	35NE	31WNW	30SSW	34SW	45NW	51 NW 51
52	NW	50NW	56SSE	61WSW	39W	52WSW	44SSE	30S	39SSE	48NW	52NNW	42NW	39 SSE 61
53	NNW	*46W	53NW	51NW	48N	50SW	48W	38NNE	47S	37NW	44NW	58WNW	52 NW 58
54	NNW	52WNW	44SSE	51NW	49WNW	39WNW	45NNW	58NW	55WNW	53S	67WNW	58ENE	42 S 67
55	NW	56NW	48WNW	55NW	43WNW	39NNE	40S	37S	55N	33WNW	58WNW	51NW	46 WNW 58
56	NW	57WNW	60WNW	50WNW	48NNW	44SSE	30S	33N	40MNW	52NE	34SSW	48WNW	42 WNW 60
57	NW	47WNW	40NW	42NW	48WSW	33WNW	54NNW	33WNW	39N	33ENE	48S	44N	48 WNW 54
58	NNW	45N	51NW	45ENE	48N	38W	*38	W	*33N	28N	35SSE	45W	40
59	WNW	50NW	45W	50S	42NE	36NW	40N	36NE	30N	29SE	50NW	38W	49 WNW 50
60	S	45W	56E	48W	44W	31W	35ENE	48E	28MNW	72W	46SW	37N	62 WNW 72
61	NW	47E	52E	49E	47NW	33W	45SE	22W	24NW	60N	39NW	43WNW	51 NW 60
62	NW	44W	37E	50S	43W	32SW	32W	45NW	29NE	32W	34SW	44NW	56 NW 56
63	W	46NE	43W	46W	47E	28E	33S	38WNW	39S	35NW	41E	50NW	33 E 50
64	E	47E	50W	50SW	50W	37NW	43SW	30W	29W	30NW	31W	37NW	41 E 50
65	W	42SW	49NW	41NW	46E	29E	38NW	31NW	34S	44S	40NW	45NW	36 SW 49
66	W	52S	46W	46E	41NE	38W	38NW	51SW	39E	32NW	35SW	38NW	41 W 52
67	W	37W	46NW	35N	35E	37S	25SW	32NW	27NE	39S	40NW	40E	40 W 46
68	W	42W	49NW	49NW	39E	36N	27S	57NW	26S	25W	29NE	60W	50 NE 60
69	NW	45W	51NW	37SW	45S	38S	35S	38W	26N	27NW	36NW	35NW	47 W 51
70	NW	35S	40NE	42S	58NW	33W	50W	42NSW	35SW	39NW	32S	34NW	42 S 58
71	W	68S	47W	52NE	52W	36W	39W	36SE	47SE	30E	35E	52NW	41 W 68
72	W	46SE	51S	43S	32NE	40W	43S	25SW	24NW	27NW	35W	45NW	45 SE 51
73	S	37S	48W	59NE	43NW	44NW	36N	35SSW	25NE	36SE	43W	46NE	43 W 59
74	SW	40S	53W	48NW	36SW	48NE	33W	42E	31W	40NW	29W	38NE	55 NE 55
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLA) JUL 64 \$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 74-81 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.8	3.8	1.3								9.7	7.0
NNE	.4	2.0	1.3	.8								4.6	7.2
NE	.1	1.1	.3	.4	.3							2.2	8.5
ENE	.1	.4	.8	.1	.4							1.9	9.6
E	.1	1.1	1.2	.8	.1							3.4	8.6
ESE	.1	.8	.4	.1	.3							1.7	8.5
SE		.1	.3	.1								.5	8.3
SSE		.3	.4	.7		.5						1.9	14.0
S	.1	.7	.5	1.5	.5							3.4	11.4
SSW	.4	1.2	1.3	.8	.7	.1						4.6	9.6
SW	.1	.9	.9	.5								2.6	7.8
WSW	.1	2.3	1.6	1.1	.7							5.8	9.1
W	.4	4.2	7.9	4.8	1.5							18.8	9.6
WNW	.4	2.8	4.7	3.5	.8	.1	.4					12.8	10.4
NW	.3	2.0	3.0	2.0	.8	.3	.1					8.5	10.5
NNW	.4	3.6	3.0	1.7								9.7	7.5
VARBL													
CALM												9.1	
	4.0	27.3	31.5	20.4	6.0	1.1	.5					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 74-81 YEARS JAN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	5.7	3.9	1.5								12.0	6.8
NNE	.1	1.6	1.2	.4								3.4	7.1
NE		1.2	.5	.8		.1						2.7	9.1
ENE	.3	.9			.3							1.5	7.0
E	.4	1.1	.7	.8	.1							3.1	8.1
ESE		.5	.3	.3	.1							1.2	9.1
SE	.1		.4	.7	.1							1.3	11.0
SSE		.5	.4	.4	.1	.4		.1				2.0	14.6
S	.3	.5	.4	.9		.3	.1					2.6	11.9
SSW	.1	.7	.9	.9	.4							3.1	10.1
SW		.9	.9	1.1	.1							3.1	9.2
WSW	.4	2.2	2.3	1.2	.4							6.5	8.3
W	.1	3.6	7.1	6.2	1.5	.3						18.8	10.3
WNW	.4	3.2	3.6	4.0	1.1	.3						12.7	10.0
NW	.1	2.0	3.4	1.9	.5	.3						8.2	9.6
NNW	.3	2.6	3.4	2.2								8.3	8.3
VARBL													
CALM												9.6	
	3.6	27.3	29.5	23.3	4.8	1.6	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	5.0	2.4	.1							10.8	8.5
NNE	.3	1.6	1.8	.3								3.9	6.7
NE	.4	1.3	1.3	.1								3.2	6.7
ENE		.8	.1			.1	.3					1.3	11.3
E	.4	1.1	.9	.7								3.1	7.4
ESE		.4	.7	.4								1.5	8.5
SE		.3	.3	.5								1.1	10.3
SSE		.7	.7	.4	.1	.1						2.0	9.7
S		1.3	1.5	.9	.1	.1	.1					4.2	9.6
SSW	.5	1.2	1.2	1.1	.5							4.6	9.1
SW	.1	1.9	.3	.8								3.1	7.1
WSW		1.2	2.3	.7	.5	.1						4.9	10.0
W	.3	3.5	8.2	5.5	2.4							19.9	10.3
WNW	.1	2.3	4.4	3.8	.9	.1						11.7	10.3
NW	.1	3.0	3.4	1.3	.7	.1						8.6	8.8
NNW	.1	3.8	2.7	1.2	.1							8.0	7.6
VARBL													
CALM												8.1	
	3.0	27.1	34.8	20.2	5.7	.8	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 74-81 YEARS JAN MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.0	3.9	2.2	.1							8.3	8.9
NNE	.3	1.3	2.8	.8								5.2	7.8
NE		1.2	2.3	.1								3.6	7.4
ENE		.7	.8	.8		.4						2.7	11.3
E	.1	1.5	.8	.8	.3							3.5	8.9
ESE		.3	.4	.5	.1							1.3	11.0
SE	.1	.8	1.1	.5								2.6	7.8
SSE	.1	.1	.5	.8	.1							1.7	10.5
S		1.1	1.3	2.2	.1	.3						5.0	11.1
SSW	.1	.4	1.2	.9	.4		.1					3.2	11.0
SW	.3	1.1	1.5	.8	.3		.1					4.0	9.7
WSW		.9	1.2	.3	.4	.3	.1					3.2	11.3
W	.1	1.3	3.5	8.1	3.4	1.2						17.6	13.4
WNW		.9	3.2	6.5	1.5	.5						12.6	12.4
NW	.1	2.2	4.0	5.4	1.2	.1						13.0	11.2
NNW		1.6	4.3	3.0	.8	.1						9.8	10.5
VARBL													
CALM												2.4	
	1.5	17.5	32.9	33.6	8.7	3.0	.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N		.8	2.6	1.3	.3							5.0	9.4
NNE	.4	1.1	1.9	.7	.3							4.3	8.3
NE		.8	1.2	.4	.3	.1						2.8	9.8
ENE		.8	1.1	.8								2.7	9.1
E		.7	1.5	.9	.3							3.4	9.7
ESE		.4	.5	.4	.1							1.5	10.0
SE		.7	1.5	.3								2.4	7.9
SSE		.3	1.1	1.1	.1							2.6	10.6
S		.7	1.9	3.8	.8	.5						7.7	12.7
SSW		.5	1.3	1.1	.1	.3						3.4	10.9
SW		.1	1.2	.5	.5	.3						2.7	12.7
WSW		.7	1.2	1.7	1.6	.4	.1					5.9	14.0
W	.3	1.5	3.4	8.1	3.0	1.6	.4					18.1	14.0
WNW	.1	.4	3.1	8.9	3.4	1.3	.1					17.3	14.4
NW		.4	2.4	5.5	2.3	.4	.1					11.2	13.6
NNW		1.1	3.0	3.4	.5							7.9	11.0
VARBL													
CALM												1.3	
	.8	10.9	28.8	38.8	13.6	5.0	.8					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373C STATION ATLANTIC CITY NJ 74-81 YEARS JAN MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	3.1	.9	.3							6.0	8.4
NNE	.1	.8	1.3	.7								3.0	6.4
NE		.8	1.3	.7								2.8	8.8
ENE		.5	1.6	.8	.1							3.1	9.4
E		1.2	1.3	.3	.1							3.0	8.0
ESE	.1	.8	.8	.3	.1							2.2	8.1
SE		1.9	.5									2.4	5.8
SSE		.7	1.1	.9	.1							2.8	9.8
S	.1	.8	4.2	2.3	.4	.4						8.2	10.6
SSW		.1	1.1	1.6	.4							3.2	11.9
SW		.7	.8	.7	.8	.1						3.1	11.5
WSW		.5	1.5	1.6	.8	.3	.1					4.8	12.3
W	.1	1.3	4.7	7.7	2.2	1.2						17.2	12.8
WNW	.1	1.3	3.6	9.5	2.2	.4						17.2	12.5
NW		.9	3.8	4.7	2.7	.5						12.6	12.9
NNW	.1	1.2	2.6	2.4	.3	.5						7.1	10.7
VARBL													
CALM												1.2	
	1.1	15.2	33.3	35.1	10.5	3.5	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.0	1.6	1.6								6.6	7.3
NNE		1.1	.7	.3								2.0	7.4
NE	.1	1.1	2.2	.1	.4							3.9	8.3
ENE		.7	.8	.3								1.7	7.1
E	.7	1.6	1.1	.5	.1							4.0	7.0
ESE	.1	1.3	.4	.1								2.0	5.6
SE	.1	.9	.1	.3		.1						1.6	8.1
SSE		.9		.1								1.1	5.9
S		2.0	1.9	1.7	.8	.1						6.6	10.2
SSW	.1	1.6	.9	1.2	.3	.1						4.3	9.3
SW	.4	2.2	1.1	.5	.1	.1						4.4	7.8
WSW	.1	2.8	1.3	1.7	.5	.3						6.9	9.6
W	.1	5.5	8.6	3.6	.9	.7	.4					19.9	9.7
WNW	.3	3.8	3.6	4.7	1.1	.4		.1				14.0	10.4
NW	.1	2.4	3.4	3.0	.7							9.5	9.5
NNW		1.5	1.7	1.3	.3							4.8	9.4
VARBL													
CALM												6.6	
	2.7	32.4	29.4	21.2	5.2	1.9	.4	.4				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	1.5	.8								5.5	6.8
NNE	.1	2.4	.8	.3								3.6	6.1
NE	.1	2.2	.3	.8	.1	.1						3.6	8.2
ENE	.4	.5	1.2	.3								2.4	7.3
E	.1	1.1	.9	.8		.1						3.1	8.7
ESE	.1	.4	.4	.1	.1							1.2	8.3
SE		.5	.3	.1								.9	7.6
SSE	.1	.3	.4	.1	.3							1.2	9.3
S		.5	.7	1.2	.4	.4						3.2	12.7
SSW	.3	1.9	1.1	.7	.8							4.7	9.0
SW	.5	1.7	.8	.1								3.2	5.5
WSW	.1	2.4	1.7	1.7	.3	.3						5.6	9.2
W	.3	5.8	7.4	5.0	1.1	.9	.1					20.6	10.1
WNW	.3	3.5	3.8	3.1	1.6	.1	.3	.1				12.8	10.8
NW	.4	3.8	3.1	2.4	.7	.1	.1					10.6	9.2
NNW	.5	1.9	2.8	1.7	.5							7.5	9.0
VARBL													
CALM												9.1	
	4.0	31.6	27.2	19.4	5.9	2.2	.5	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 74-81 YEARS JAN. MONTH ALL HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.8	3.2	1.5	.1							3.0	7.8
NNE	.2	1.5	1.5	.5	.0							3.7	7.4
NE	.1	1.2	1.2	.4	.1	.1						3.1	8.3
ENE	.1	.7	.8	.4	.1	.1	.0					2.2	9.1
E	.2	1.2	1.1	.7	.1	.0						3.3	8.3
ESE	.1	.6	.5	.3	.1							1.6	8.4
SE	.1	.7	.6	.3	.0	.0						1.6	8.0
SSE	.0	.5	.6	.6	.1	.1		.0				1.9	10.8
S	.1	1.0	1.5	1.8	.4	.3	.0					5.1	11.2
SSW	.2	1.0	1.1	1.0	.5	.1	.0					3.9	10.0
SW	.2	1.2	.9	.6	.2	.1	.0					3.3	8.9
WSW	.1	1.6	1.6	1.3	.7	.2	.1					5.5	10.3
W	.2	3.3	6.4	6.1	2.0	.7	.1					18.9	11.2
WNW	.2	2.3	3.8	5.5	1.6	.4	.1	.0				13.9	11.6
NW	.2	2.1	3.3	3.3	1.2	.2	.1					10.3	10.8
NNW	.2	2.2	2.9	2.1	.3	.1						7.8	9.2
VARBL													
CALM												5.9	
	2.6	23.7	30.9	26.5	7.6	2.4	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 74-81 YEARS FEB MONTH 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.5	1.6								5.9	8.6
NNE	.1	1.0	.7	.9	.1							2.9	6.4
NE		1.3	1.5	.3								3.1	7.2
ENE	.1	.6	.7	.7	.3							2.5	9.9
E		1.7	1.3	1.2	.1							3.7	9.2
ESE	.1	.4	.7									1.3	6.2
SE	.1	.7	.9	.6	.1							2.5	3.8
SSE	.1	.7	.7	.1	.1							1.9	7.4
S	.3	1.3	1.3	1.3	.4							4.7	9.0
SSW		1.5	3.4	1.2	.1							6.2	8.7
SW	.4	1.8	1.9	.6								4.7	7.1
WSW	.3	2.1	1.5	.7	.4							5.7	8.3
W	.1	2.7	4.4	2.9	.4	.1	.1					10.9	9.8
WNW	.3	3.5	4.4	3.4	1.3	.3						13.3	9.9
NW	.4	3.9	2.1	2.1	.7	.4						9.6	9.4
NNW	.1	5.2	4.9	2.8	.6							13.6	8.3
VARBL													
CALM												8.1	
	3.1	29.2	33.0	20.5	5.0	.9	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 78

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	3.9	3.0								9.5	9.0
NNE	.3	1.5	1.2	1.0								4.0	7.6
NE	.1	.6	1.8	.3	.1							3.0	8.4
ENE	.4	.3	.6		.1							1.5	7.9
E		.4	1.3	1.0	.4							3.3	10.8
ESE		.3	.6	.1								1.0	8.0
SE	.1	.3	.6	.1	.3							1.5	9.8
SSE	.3	1.0	.3	.6	.3							2.5	6.5
S	.4	1.5	1.5	1.9	.6							5.9	9.5
SSW	.1	2.2	1.3	1.0	.3							5.0	6.1
SW		1.5	2.1	.6								4.1	6.0
WSW		1.8	2.7	.7	.6							5.8	9.0
W	.4	3.1	4.6	2.7	.3	.3						11.4	8.9
WNW		1.6	4.4	3.0	.6	.3						9.9	10.3
NW	.1	2.5	3.0	3.6	1.2	.1						10.5	10.5
NNW	.7	4.1	4.7	1.6	.1							11.4	7.3
VARBL													
CALM												9.6	
	3.7	25.0	34.5	21.3	5.0	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 74-81 YEARS FEB MONTH 0600-0800 HOURS (U.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.5	4.3	2.1	.1							9.5	8.2
NNE	.1	.9	1.3	.9								3.2	8.5
NE	.1	.9	.1	.9	.1							2.2	9.2
ENE		.9	.6	.9	.3							2.7	9.7
E		.6	1.5	.6								2.7	9.0
ESE	.1	.7	.3	.3								1.5	7.1
SE	.1	.7	.6		.3							1.8	8.9
SSE		.3	.6			.1						1.0	9.0
S		2.1	1.8	.7	.4	.4						5.5	9.7
SSW	.1	1.3	1.8	1.0	.1							4.4	8.7
SW		1.6	1.8	.7	.1		.1					4.4	8.6
WSW	.1	1.8	2.5	.6	.1							5.2	8.1
W	.1	4.1	5.0	3.7	.3	.3	.1					13.7	9.2
WNW	.3	2.4	5.6	5.8	.1	.4						12.7	9.8
NW		1.9	3.7	3.0	1.2							9.7	10.4
NNW	1.3	2.7	3.5	2.2	.4							10.2	8.2
VARBL													
CALM												9.6	
	3.1	25.4	35.0	21.4	3.8	1.3	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		1.5	4.3	2.8	.6	.1						7.3	10.2
NNE	.3	1.3	1.9	.9	.7	.1						5.3	10.0
NE		1.0	.7	.7	.1							2.7	8.9
ENE		.1	1.0	1.0								2.2	10.8
E		.7	1.9	.6								3.2	8.3
ESE	.1		.7		.3							1.2	9.3
SE		.9	.9									1.8	6.6
SSE	.1	.4	.4	.7	.1							1.9	10.4
S	.1	1.0	1.6	1.2	.4	.7						5.2	11.9
SSW		.9	2.1	1.0	.7							4.7	10.7
SW	.1	1.0	1.9	2.4	.1	.1						5.8	10.3
WSW		1.2	2.1	2.2	.4	.3						6.2	10.7
W	.1	1.6	4.1	3.0	.7	.9						10.5	11.0
WNW		1.5	2.7	5.2	2.4	1.5						13.1	13.7
NW		1.0	3.1	5.3	3.1	.7						13.3	13.4
NNW		.9	2.7	5.9	1.3							10.8	12.1
VARBL													
CALM												2.9	
	1.0	15.2	32.2	32.9	11.2	4.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9373 STATION ATLANTIC CITY NJ 74-81 YEARS FEB MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	2.7	2.2	.7	.1						0.3	11.3
NNE		.7	1.2	1.2	.3							3.4	10.1
NE	.1	.4	1.0	.3	.4							2.4	10.2
ENE		.3	.7	1.0								2.1	9.9
E		1.2	1.8	.7								3.7	7.8
ESE		.4	.6	.6								1.6	9.5
SE	.3	.6	1.3	.9								3.1	8.9
SSE		.4	.6	1.2	.1	.1						2.5	11.5
S		.7	1.9	3.7	1.0	.1	.1					7.7	12.4
SSW		.9	.7	1.9	1.0	.3						4.9	12.4
SW		.6	1.3	2.5	.4							4.9	11.7
WSW	.1	.7	2.7	1.6	.6	.3	.1					6.2	11.4
W	.1	.9	2.7	5.9	3.4	1.3	.1					14.5	14.3
WNW		.3	2.4	5.6	4.3	.7	.1					13.4	15.1
NW		.3	2.7	4.0	3.4	1.0						11.4	14.9
NNW		.4	4.0	5.6	1.2	.4						11.7	12.2
VARBL													
CALM												.4	
	.9	9.4	28.2	38.9	17.0	4.6	.6					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	2.4	1.6								4.6	9.9
NNE		.3	1.2	.1								1.6	8.8
NE		.3	1.9	1.0								3.2	9.7
ENE		.4	.3	1.0	.1							1.9	11.0
E		.9	2.2	.6								3.7	8.4
ESE		.3	1.2	1.0								2.5	9.5
SE		1.2	.6		.1	.1						2.1	8.5
SSE		.3	2.1	1.0								3.4	9.7
S		.7	3.0	5.3	1.5	.1						10.6	12.3
SSW		.6	1.9	1.2	.4							4.1	11.0
SW			1.9	1.5	.4							3.8	12.1
WSW		.6	1.2	.7	.4	.1						3.1	11.0
W		.9	4.0	6.9	1.9	.3	.1					14.2	12.6
WNW		.3	4.0	6.8	3.7	.6						15.4	13.5
NW		.4	3.5	6.2	3.2	.4						13.9	13.7
NNW		1.9	4.6	3.7	.9	.3						11.4	10.6
VARBL													
CALM												.4	
		9.7	35.9	38.8	12.9	2.1	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93736 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	1.6	1.2								4.9	7.7
NNE	.1	1.3	1.2	.6								3.2	7.7
NE		.7	1.0	1.0								2.8	8.9
ENE	.1	1.5	.1	.1	.1							2.1	6.6
E		1.5	.6	.1	.1							2.4	6.9
ESE		1.3	.7	.6								2.7	8.3
SE	.1	1.2	.3	.3		.1						2.1	7.5
SSE	.1	.9	.4	.3	.3							2.1	9.4
S	.4	2.4	4.6	2.4	.6							10.3	9.5
SSW	.1	2.7	3.8	1.6	.7							9.0	8.9
SW		1.6	1.5	.7								3.8	7.9
WSW		2.2	2.9	.3								5.5	7.3
W		5.2	5.9	2.7	.4							14.2	8.3
WNW	.1	1.6	5.8	4.4	.6	.4						13.0	10.8
NW	.1	1.8	3.1	2.2	.6							7.8	9.4
NNW	.1	3.8	3.5	2.7		.4						10.6	8.9
VARBL													
CALM												3.7	
	1.8	31.6	37.2	21.2	3.5	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373C
STATION

ATLANTIC CITY NJ

STATION NAME

74-81

YEARS

FEB
MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.8	1.6	1.5								5.0	8.6
NNE	.1	1.2	1.3	.6								3.2	7.7
NE	.3	1.2	1.0	.6								3.1	7.9
ENE	.1	.6	.3	.3	.1	.1						1.6	9.4
E	.4	1.2	1.2	.6								3.4	7.2
ESE	.3	1.0	.1	.3								1.8	6.3
SE	.1	1.2	.9	.1								2.4	6.6
SSE	.4	.9	.4	.4	.1							2.4	7.4
S	.1	1.9	3.7	1.2	1.0							8.0	9.1
SSW	.4	1.6	2.5	1.8	.3							6.6	8.6
SW	.1	2.5	1.3	.9	.3							5.2	8.0
WSW	.1	1.3	2.4	.4								4.3	7.3
W	1.3	5.3	7.8	2.5	.6	.1						17.7	8.0
WNW	.1	2.2	2.8	3.8	1.2	.3						10.5	11.1
NW	.1	3.1	1.2	2.7	.9							8.0	9.7
NNW	.1	2.9	3.7	2.7		.3						9.7	8.9
VARBL													
CALM												7.2	
	4.7	29.9	32.3	20.4	4.6	.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

97730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.9	2.0	.2	.0						6.9	9.2
NNE	.1	1.0	1.3	.8	.1	.0						3.4	8.7
NE	.1	.8	1.1	.6	.1							2.8	8.8
ENE	.1	.6	.6	.6	.1	.0						2.1	9.5
E	.1	.9	1.5	.7	.1							3.2	8.5
ESE	.1	.6	.6	.4	.0							1.7	8.1
SE	.1	.8	.8	.3	.1	.0						2.1	8.2
SSE	.1	.6	.7	.6	.1	.0						2.2	9.2
S	.2	1.5	2.4	2.2	.8	.2	.0					7.2	10.5
SSW	.1	1.5	2.2	1.3	.5	.0						5.6	9.5
SW	.1	1.3	1.7	1.2	.2	.0	.0					4.6	9.2
WSW	.1	1.5	2.2	.9	.3	.1	.0					5.1	9.1
W	.3	3.0	4.8	3.8	1.0	.4	.1					13.4	10.2
WNW	.1	1.7	4.0	4.5	1.8	.6	.0					12.7	11.9
NW	.1	1.9	2.8	3.6	1.8	.4						10.5	11.8
NNW	.3	2.8	3.9	3.4	.6	.2						11.2	9.6
VARBL													
CALM												5.2	
	2.3	21.9	33.5	26.9	7.9	2.0	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 5418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	1.7	1.6								5.6	8.4
NNE	.1	1.7	1.1	.1	.1							3.2	6.9
NE	.4	.9	.9	.7								3.0	7.8
ENE	.5	.7	.5	1.2	.3							3.2	9.2
E	.3	1.3	.9	.8	.1							3.5	7.8
ESE	.1	.9	.7	.4								2.2	7.8
SE		.5	.5	.3								1.3	7.4
SSE		1.2	1.1	.4								2.7	7.2
S		1.5	3.2	3.4	.3							8.3	9.9
SSW		2.0	4.0	3.1	.5	.3						9.9	9.9
SW	.1	1.3	2.0	.5								4.0	7.9
WSW	.1	1.7	2.0	.5	.1							4.6	7.7
W	.5	3.1	5.2	1.3	.7	.3	.3					11.4	9.4
WNW	.1	2.7	4.3	3.6	1.2	.3	.1					12.4	10.8
NW	.5	2.4	2.3	3.1	.9	.1						9.4	10.1
NNW	.1	2.7	4.7	2.2	.1							9.8	8.5
VARBL													
CALM												5.4	
	1.1	27.2	35.3	23.3	4.4	.9	.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MAC MONTH 0300-0500
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	3.1	1.1	.3							6.0	8.6
NNE		2.4	1.2	.1								3.8	6.3
NE	.4	1.5	1.1	.7								3.6	7.0
ENE		.7	.8	1.9								3.4	10.4
E	.1	.9	2.0	1.2								4.3	9.3
ESE	.1	.3	.7	.5								1.6	8.9
SE		.4	.1	.5								1.1	9.1
SSE	.1	.7	.9	.5								2.3	7.9
S	.4	1.5	3.6	2.2	.4							8.1	9.2
SSW	.3	2.2	2.0	2.0	.4							6.9	9.1
SW	.4	2.2	2.8	.5	.1							6.0	7.5
WSW		.9	.7	.5								2.2	7.7
W	.4	3.0	4.3	1.7								9.4	8.0
WNW		2.2	4.0	5.4	1.5	.7						13.7	11.4
NW	.5	2.8	3.4	3.6	.9	.3						11.6	10.0
NNW	.1	3.5	3.8	1.1	.1							8.6	7.8
VARBL													
CALM												7.5	
	3.0	26.6	34.5	23.7	3.8	.9						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

4AP
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	3.1	1.9								7.4	8.2
NNE		1.7	2.2	.1								4.0	7.3
NE	.1	.1	1.3	.1								1.7	8.3
ENE		.3	1.9	1.6	.4							4.2	11.3
E	.1	1.5	1.5	1.7	.1							5.0	9.3
ESE		.4	.5	.9	.4							2.3	12.2
SE		.9	.5	.5	.3							2.3	9.2
SSE	.3	.4	1.2	1.5	.1							3.5	10.3
S		1.3	1.5	2.4	.1							5.4	9.6
SSW	.4	1.2	1.9	2.3	.7							6.5	10.0
SW		1.7	2.2	.7		.3	.1					5.0	9.9
WSW		1.5	2.2	.9		.1						4.7	8.6
W	.4	2.0	4.3	3.1	.1							9.9	9.2
WNW	.3	2.2	2.8	3.8	1.7	.7						11.4	11.9
NW	.3	2.0	3.6	3.9	1.2	.7						11.7	11.2
NNW	.3	3.2	3.0	1.9	.5							8.9	8.7
VARBL													
CALM												6.2	
	2.4	22.7	33.6	27.4	5.8	1.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	3.6	2.0								6.7	9.4
NNE		.4	1.7	.8	.1							3.1	9.5
NE		.1	1.2	1.5								2.8	11.1
ENE		.1	.9	3.5	1.1							5.6	13.0
E	.1		1.9	2.8	.3							5.1	11.6
ESE		.4	.7	.7	.4	.1						2.3	11.2
SE		.5	.7	1.3	.7	.3						3.5	13.2
SSE	.3	.5	.7	1.5	.7	.1						3.8	12.4
S	.3	.4	1.3	3.0	.9	.3						6.2	12.5
SSW	.1	.8	1.6	3.8	.8	.1						7.3	11.9
SW		.3	1.1	1.5	.9	.1						3.9	13.0
WSW		.5	1.2	1.9	.5	.3						4.4	12.0
W	.1	1.2	1.6	3.4	1.5	.4						8.2	12.7
WNW		.8	2.4	4.3	2.6	2.7	.1					12.9	15.7
NW	.1	.4	2.3	4.8	4.2	.7	.4					12.9	15.0
NNW		.7	3.8	4.3	1.6	.4						10.8	12.5
VARBL													
CALM												.5	
	1.1	8.3	26.7	41.0	16.3	5.5	.5					100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ

STATION NAME

74-81

YEARS

MAP

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.3	.4	.1							3.5	8.7
NNE		.3	1.5	1.2								3.0	10.2
NE		.5	.5	.7	.3							2.0	10.3
ENE		.3	.7	1.9	1.2	.5						4.6	14.7
E			3.1	2.8	.7							6.6	11.5
ESE			1.1	1.5	.1							2.7	11.3
SE			2.2	.8	.4	.3						3.6	12.0
SSE		.4	1.6	2.8	.1	.4						5.4	12.5
S		.3	1.9	5.4	1.7	.3	.1					9.7	13.7
SSW		.5	.5	2.3	.5	.3	.3					4.4	14.0
SW			.4	.8	1.9	1.2	.3					4.6	13.8
WSW	.1		.5	1.9	1.2							3.8	14.0
W		1.1	3.9	5.1	2.0	1.3	.1	.3				13.8	13.9
WNW		.1	2.3	4.2	2.7	2.4	.1					11.8	15.9
NW		.1	2.3	4.8	4.0	1.5						12.8	15.5
NNW		.9	2.3	2.4	1.1	.5	.1					7.4	12.7
VARBL													
CALM												.4	
	.1	5.6	27.4	40.1	17.5	7.8	.8	.3				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS 440 MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.8	1.6	.3							3.2	11.5
NNE		.3	.5	.5								1.3	9.4
NE		.1	1.2	1.3	.3							3.0	11.1
ENE		.3	.8	1.2	.9	.7						3.9	14.6
E		.5	2.7	1.5	.4							5.1	10.6
ESE		.4	1.9	.7	.1							3.1	9.7
SE		.3	2.2	.7	.5	.3						3.9	11.2
SSE		.4	2.4	3.0	.1							5.9	10.6
S		.4	3.8	5.8	2.0	.5						12.5	13.0
SSW			1.9	3.6	.8	.3						6.6	13.3
SW		.3	.5	1.3	.7							2.3	12.9
WSW		.1	.1	2.4	.4							3.1	13.6
W		.3	4.7	5.8	1.7	1.3	.1	.1				14.1	13.7
WNW		.1	3.2	6.0	2.6	1.7	.3					14.0	15.0
NW		.5	1.6	5.1	2.4	1.5	.3					11.4	15.5
NNW		.7	1.7	1.9	.9	.4						5.6	12.4
VARBL													
CALM												.4	
	.1	5.1	30.1	42.5	14.2	6.7	.7	.1				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

4AD
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.3	1.9	.1							4.0	10.5
NNE		.5	.4	.9								1.9	9.2
NE		.5	.7	.7	.1							2.0	9.5
ENE	.1	.1	1.5	.9	.5	.1						3.4	11.6
E	.3	2.6	1.6	1.1	.1							5.6	7.7
ESE		1.6	.7	.9								3.2	8.2
SE		2.4	.9	.7	.3							4.3	8.2
SSE	.1	1.2	1.9	1.3		.3						4.8	9.6
S	.1	2.2	6.5	2.8	.5							12.1	9.4
SSW		2.4	5.8	2.6	.5							11.3	9.4
SW		.8	2.4									3.2	7.4
WSW		1.3	1.7	.4	.1							3.6	7.6
W	.1	3.0	6.0	3.4	.7	.7	.3					14.1	10.4
WNW		1.9	3.8	4.6	2.2	.5						12.9	12.0
NW		1.3	2.3	1.5	.8	.1						6.0	10.9
NNW		1.9	2.2	1.9	.7							6.6	9.8
VARBL													
CALM												.8	
	.8	24.5	39.7	25.5	6.7	1.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373 ATLANTIC CITY NJ 74-81 MAC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.7	1.5								6.2	8.4
NNE	.1	.9	.7	.4								2.2	7.3
NE	.1	1.1	.4	.8	.4							2.8	9.5
ENE	.1	.9	.5	.3	.4							2.3	8.8
E		2.6	.7	1.3								4.6	7.9
ESE	.3	.7	.4	.1								1.5	6.5
SE	.1	.3	.8	.7								1.9	9.1
SSE	.1	1.5	.9	1.7	.1							4.4	9.1
S	.7	3.4	3.1	3.0	.4	.1						10.6	8.9
SSW	.3	2.4	5.2	2.0	.9							10.9	9.1
SW		1.3	2.8	.4								4.6	7.5
WSW	.1	2.3	2.3	.7								5.4	7.4
W	.4	3.6	5.0	1.1	.7	.4	.3					11.4	9.2
WNW	.1	2.0	4.0	3.1	1.7	.7						11.7	11.6
NW		1.5	2.0	1.6	1.3	.3						6.7	11.3
NNW	.1	2.3	3.4	1.9	.3							7.9	6.9
VARBL													
CALM												5.0	
	2.7	28.8	34.9	20.6	6.3	1.5	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730

ATLANTIC CITY NJ

74-81

MAY

MONTH

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.3	1.5	.1							5.3	7.0
NNE	.0	1.0	1.2	.5	.0							2.8	8.0
NE	.1	.6	.9	.8	.1							2.6	9.3
ENE	.1	.4	1.0	1.6	.6	.2						3.8	12.1
E	.1	1.2	1.8	1.7	.2							5.0	9.6
ESE	.1	.6	.8	.7	.1	.0						2.4	9.6
SE	.0	.7	1.0	.7	.3	.1						2.7	10.3
SSE	.1	.8	1.3	1.6	.2	.1						4.1	10.3
S	.2	1.4	3.1	3.5	.8	.2	.0					7.1	10.8
SSW	.1	1.4	2.9	2.7	.7	.1	.0					8.0	10.5
SW	.1	1.0	1.8	.9	.4	.1	.0					4.3	9.7
WSW	.1	1.1	1.3	1.2	.3	.1						4.0	9.7
W	.3	2.2	4.4	3.1	.9	.6	.1	.1				11.6	11.0
WNW	.1	1.5	3.4	4.4	2.0	1.2	.1					12.6	13.1
NW	.2	1.4	2.5	3.6	2.0	.6	.1					10.3	12.7
NNW	.1	2.0	3.1	2.2	.7	.2	.0					8.2	10.1
VARBL													
CALM												3.3	
	1.7	18.6	32.8	30.5	9.4	3.4	.4	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	3.5	1.2	.1							5.8	9.0
NNE		1.7	1.1	.4								3.2	7.0
NE		.6		.7								1.2	10.0
ENE		.7	.8	.1								1.7	7.2
E		1.8	1.8	1.7								5.3	9.0
ESE		.7	.8	.3								1.8	8.0
SE	.1	1.0	.6	.7								2.4	7.9
SSE		1.2	.7	.7								2.6	7.8
S	.1	2.5	2.1	2.5	.3	.1						7.6	9.6
SSW	.3	2.1	5.0	1.9	.3							9.6	8.6
SW		5.3	4.6	.4	.1							10.4	6.6
WSW	.1	1.7	2.6	1.2								5.7	8.4
W	.3	1.9	3.6	1.7	.3							7.8	8.9
WNW	.1	1.7	3.7	2.9	.7	.1	.3					9.6	10.8
NW	.1	2.1	4.7	1.5	.3							8.7	8.6
NNW	.3	3.5	4.9	2.1	.1							10.8	8.1
VARBL													
CALM												5.7	
	1.5	29.3	40.6	20.1	2.2	.3	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APR
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	2.5	.4								5.1	7.1
NNE		1.1	.7	.6	.1							2.5	6.8
NE		.3	.8	.3								1.4	8.7
ENE	.1	.6	1.1	.4								2.2	8.1
E	.3	2.1	1.7	1.2	.8							6.1	9.3
ESE	.1	1.0	.4	.1								1.7	6.2
SE	.1	1.2	.6	.4								2.4	7.4
SSE	.1	1.4	1.4	.7	.4							4.0	8.6
S		2.5	2.1	1.5	.1							6.2	8.7
SSW	.4	3.2	2.1	1.8								7.5	7.7
SW	.1	3.2	2.4	1.2	.3							7.2	8.1
WSW	.6	1.8	2.2	.7								5.3	7.4
W	.3	3.3	5.7	1.8	.3							11.4	7.9
WNW	.3	2.2	4.7	2.4	.7		.3					10.6	9.7
NW	.3	2.4	2.9	2.2	.4	.1						8.3	9.4
NNW		3.7	5.4	1.1	.1							10.4	7.5
VARBL													
CALM												7.6	
	2.9	32.1	36.7	16.9	3.3	.1	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

2600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	3.7	.7	.1							6.8	7.8
NNE		1.2	1.0	.6	.1							2.9	8.4
NE	.1	.7	.3	.6	.3							1.9	9.6
ENE		.1	.4	1.5								2.1	11.5
E		.7	1.7	2.1	1.0	.1						5.6	11.7
ESE	.3	.8	1.0	.1								2.2	6.4
SE	.3	1.4	1.2	.1	.1							3.2	7.2
SSE		1.4	1.8	.3								3.5	7.6
S	.4	.8	1.8	1.8	.3	.3						5.4	10.1
SSW		1.4	3.6	1.0	.3							6.2	8.8
SW	.3	1.9	2.2	2.1	.7	.3						7.5	10.2
WSW	.1	1.4	1.2	1.2	.3							4.3	9.3
W		2.1	5.1	2.6	.8							10.7	9.8
WNW	.4	2.5	2.9	2.5	1.0	.3						9.6	10.4
NW	.1	1.9	3.6	3.6	1.2	.3						10.8	10.8
NNW	.1	2.6	4.3	3.7	.6							11.4	9.6
VARBL													
CALM												5.8	
	2.4	23.2	36.0	24.6	6.8	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.5	1.9	.1							5.8	9.8
NNE	.3	.7	1.9	.6	1.0							4.5	10.2
NE		.3	.7	.4	.3							1.7	11.3
ENE		.1	1.0	.7								1.8	9.5
E		.8	2.9	4.0	.7							8.5	11.5
ESE	.1	.7	1.3	.1		.1						2.4	8.4
SE		1.0	1.5	.7								3.2	8.2
SSE	.1	.6	1.9	1.8	.3							4.7	10.5
S	.1	.6	2.2	3.8	1.0							7.6	11.8
SSW	.3	.3	1.4	2.2	1.0	.1						5.3	12.2
SW		.4	.4	1.9	1.0	.6						4.3	15.0
WSW		.4	.8	2.4	1.1							4.7	13.1
W		1.3	2.9	4.3	2.2	1.4	.1					12.2	13.5
WNW		.3	2.2	3.5	1.5	.7	.4					8.6	14.6
NW	.4	.4	1.5	5.0	3.1	.4	.1					11.0	14.4
NNW	.1	1.0	4.0	7.0	1.0							13.1	11.6
VARBL													
CALM												.6	
	1.5	10.0	29.3	40.3	14.2	3.3	.7					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 74-81 YEARS APR MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.8	1.4	.1							2.4	12.1
NNE		.7	.1	.3	.8							1.9	12.2
NE			.1	.8	.3							1.2	12.9
ENE		.1	.4	.6	.6	.1						1.8	13.9
E	.1	.6	2.4	3.7	.8							7.6	11.4
ESE		.4	2.1	2.4								4.9	10.3
SE	.1	.4	2.4	2.1								5.0	9.8
SSE		.1	1.8	3.7	.4							6.1	12.0
S		.4	1.5	7.6	2.4	.3						12.2	13.9
SSW		.3	1.0	2.1	1.9	.1						5.4	14.6
SW			.1	1.2	1.2							2.6	15.8
WSW		.4	.7	1.1	1.4	.4	.1					4.2	15.1
W		1.0	2.4	5.3	3.9	.4						12.9	13.9
WNW		.6	2.5	4.7	3.2	1.4	.4					12.8	15.2
NW		.1	1.4	5.1	3.5	.7						10.8	15.5
NNW		.7	.8	5.0	1.1	.3						7.9	13.4
VARBL													
CALM												.1	
	.3	5.8	20.6	47.2	21.7	3.7	.6					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

GLCEAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373C STATION ATLANTIC CITY NJ 74-81 YEARS APE MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.4	.7	.1	.1						2.3	10.7
NNE			.8	.6	.3	.1						1.8	12.8
NE		.3	.1	.6								1.0	10.3
ENE			.6	.3	.1							1.0	11.4
E		.1	2.2	3.1	.4							5.8	11.8
ESE		.6	1.9	2.2								4.7	10.3
SE		.3	1.8	1.4	.1							3.6	10.3
SSE	.1	.6	3.5	3.1	.7							7.9	10.8
S	.1	.3	2.2	9.6	3.5	.1						15.8	13.9
SSW		.1	1.1	3.2	2.8							7.2	14.7
SW			.1	1.0	.8							1.9	15.7
WSW			.7	2.1	.6	.1						3.5	13.7
W		.1	2.1	5.4	2.1	.8	.1					10.7	14.5
WNW			1.4	5.1	3.6	1.0	.1					11.2	15.8
NW		.1	.4	6.8	2.6	.7	.1					10.8	15.3
NNW	.1	.1	2.2	5.6	1.5	.3						9.9	13.1
VARBL													
CALM												.3	
	.4	3.1	22.6	50.6	19.3	3.3	.4					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	2.1	1.5	.3							4.7	10.3
NNE		.1	1.5	.7								2.4	9.7
NE		.3	.1	.4								.8	9.5
ENE		.1	.3	.4	.1							1.0	12.4
E		1.1	2.2	2.1	.4							5.8	10.5
ESE		1.0	1.9	.7								3.6	8.1
SE		1.2	1.7	.4		.1						3.5	8.0
SSE		2.1	2.1	.8	.3	.1						5.4	8.8
S		2.4	5.8	5.7	1.4	.1						15.4	10.7
SSW		1.5	4.0	5.3	.8	.1						11.8	10.7
SW		1.1	2.2	1.2	.1							4.7	9.1
WSW		.7	2.2	1.4	.3							4.6	9.9
W	.1	2.5	6.4	2.2	1.2							12.5	9.5
WNW	.1	1.0	3.2	4.2	.4		.3	.1				9.3	11.8
NW		.7	1.9	3.1	.8	.1						6.7	11.8
NNW		1.5	2.6	2.2	.6	.1						7.1	10.4
VARBL													
CALM												.7	
	.3	18.2	40.4	32.4	6.8	.8	.3	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	3.8	1.7								6.1	9.5
NNE	.1	1.3	1.3	.1	.3							3.1	7.9
NE	.3	.3	.1	1.0								1.7	10.0
ENE		.6	.4	.1								1.1	7.5
E		1.5	1.7	1.7	.1							5.0	9.1
ESE	.1	1.5	1.5	.4								3.6	7.0
SE		1.0	.7	.3		.1						2.1	8.4
SSE	.1	1.7	.6	.3	.4	.1						3.2	8.7
S	.1	3.6	4.0	3.9	.8							12.5	9.6
SSW	.6	4.0	6.3	1.9	.3	.1						13.2	8.2
SW		2.4	3.8	.7	.3							7.1	7.9
WSW		2.1	3.9	.6								6.5	7.8
W	.1	2.4	2.9	1.4	.6	.1						7.5	9.1
WNW		1.1	3.2	2.5	.3		.4					7.5	11.3
NW	.1	1.8	2.2	1.7	.6	.3						6.7	10.1
NNW	.3	2.8	3.5	2.1	.8							9.5	9.0
VARBL													
CALM												3.6	
	1.9	28.7	39.8	20.3	4.5	.8	.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS
ALL WEATHER CLASS
CONDITION
APR MONTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.5	1.2	.1	.0						4.9	9.2
NNE	.1	.9	1.1	.5	.3	.0						2.8	9.4
NE	.1	.3	.3	.6	.1							1.4	10.3
ENE	.0	.3	.6	.5	.1	.0						1.6	10.1
E	.1	1.1	2.1	2.4	.5	.0						6.2	10.7
ESE	.1	.8	1.4	.8		.0						3.1	8.5
SE	.1	.9	1.3	.8	.0	.0						3.2	8.6
SSE	.1	1.1	1.7	1.4	.3	.0						4.7	9.7
S	.1	1.6	2.7	4.6	1.2	.1						10.4	11.4
SSW	.2	1.6	3.1	2.4	.9	.1						8.3	10.3
SW	.1	1.8	2.0	1.2	.6	.1						5.7	9.6
WSW	.1	1.1	1.8	1.3	.5	.1	.0					4.9	10.2
W	.1	1.8	3.9	3.1	1.4	.3	.0					10.7	11.1
WNW	.1	1.2	3.0	3.5	1.4	.4	.3	.0				9.9	12.6
NW	.1	1.2	2.3	3.6	1.6	.3	.0					9.2	12.3
NNW	.1	2.0	3.5	3.6	.7	.1						10.0	10.3
VARB													
CALM												3.1	
	1.4	18.8	33.2	31.6	9.8	1.7	.4	.0				170.0	10.3

TOTAL NUMBER OF OBSERVATIONS 5758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	1.6	1.2								5.4	7.6
NNE	.3	2.4	1.2									3.9	6.1
NE	.1	2.0	1.2	1.2	.3							4.8	8.5
ENE	.1	1.6	.9	.5								3.2	7.3
E	.1	2.0	1.6	.3								4.0	6.8
ESE		.7	.4	.1	.3							1.5	9.1
SE		1.1	.8	.1								2.0	7.3
SSE		1.9	1.2	1.1		.1						4.3	8.4
S	.3	3.2	3.6	1.1	.4	.1						9.7	8.2
SSW	.3	5.8	4.2	1.5	.1							11.8	7.4
SW	.4	5.2	3.4	.5								9.5	6.5
WSW	.7	2.6	2.2	.3								5.6	6.4
W	.7	3.2	3.9	.8								8.6	7.0
WNW	.1	1.9	1.6	.8								4.4	7.5
NW	.1	3.1	1.5	.8	.1							5.6	7.3
NNW		3.8	2.6	.5	.1							7.0	6.9
VARBL													
CALM												9.4	
	3.4	42.9	31.9	10.9	1.3	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 74-81 YEARS MAY MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	5.0	3.9	.3								9.6	6.5
NNE	.4	2.4	.7	.9								4.4	6.9
NE		1.3	1.9	1.3	.4							5.0	9.5
ENE		.8	1.1	.3		.1						2.3	8.4
E	.3	1.9	1.1	.9								4.2	7.2
ESE		1.3	.1	.3	.1	.1						2.0	8.8
SE		1.2	.1			.1						1.5	7.0
SSE		2.7	.8	1.5								5.0	8.0
S		3.9	2.7	.8	.4							7.8	7.5
SSW	.1	3.5	2.7	1.1	.1							7.5	7.4
SW	.4	4.3	2.7	.3								7.7	5.9
WSW	.5	4.3	1.1	.4								6.3	5.8
W	.3	3.4	2.7	.9								7.3	7.0
WNW		3.4	1.9	.5								5.8	7.0
NW		3.1	1.9	.8								5.8	7.2
NNW	.3	4.2	2.4	.1								7.0	5.9
VARBL													
CALM												10.9	
	2.7	46.7	27.7	12.5	1.1	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373J
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.5	4.3	1.2	.1							9.3	7.7
NNE	.3	2.0	2.7	1.5								6.5	7.9
NE	.1	1.6	2.4	1.5								5.6	8.7
ENE		1.1	1.5	1.1	.3							3.9	9.3
E		1.5	2.0	.9	.1							4.6	8.3
ESE		.7	.8	.3	.1							1.9	8.9
SE		.7	1.2	1.3								3.2	9.3
SSE	.1	.7	.9	1.2								3.0	9.3
S		2.7	3.0	1.9	.1							7.7	8.5
SSW	.3	2.0	3.1	2.4								7.8	8.9
SW	.1	2.3	2.6	.5	.1							5.6	7.5
WSW	.3	1.7	3.4	1.3								6.7	8.1
W	.3	3.6	4.3	2.4	.3							10.9	8.3
WNW	.1	2.3	1.9	.1	.3	.1						4.8	7.8
NW		2.0	1.7	1.5	.4							5.6	9.2
NNW		3.6	3.0	2.2	.1							8.9	8.1
VARBL													
CALM												4.0	
	1.7	32.0	38.7	21.4	2.0	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-91
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		1.1	2.2	1.9	.3							5.4	9.9
NNE		.4	1.3	2.3								4.0	10.8
NE	.1	.9	.8	1.2	.1							3.2	9.7
ENE		1.2	2.4	2.2	.4							6.2	10.0
E	.3	1.7	4.4	2.0	.4							3.9	9.1
ESE		.5	2.7	1.6								4.8	9.6
SE		.9	2.3	.5								3.8	8.3
SSE		.8	2.0	2.3	.4	.1						5.6	10.8
S	.1	.9	3.0	3.6	1.1							8.7	11.2
SSW	.1	1.3	2.2	1.7	.3							5.6	9.6
SW	.1	1.1	1.3	1.9	.4							4.8	10.3
WSW		1.3	2.0	3.0								6.3	9.7
W	.1	1.7	4.0	3.8	.7							10.3	10.1
WNW	.1	.5	2.3	2.4	.4	.3						6.0	11.4
NW		.7	2.2	1.9	.7	.1						5.5	11.6
NNW	.3	1.3	3.5	2.7	.4	.1						8.3	10.0
VARBL													
CALM												2.3	
	1.3	16.7	38.6	34.9	5.5	.7						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 63730 ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY
CLASS ALL WEATHER MONTH 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	1.9	.9								3.1	9.8
NNE		.7	1.6	1.1								3.4	9.5
NE	.1	.4	.9	.7								2.2	9.3
ENE		1.2	1.2	2.3								4.7	10.1
E		1.2	3.5	4.2	.3							9.1	10.6
ESE	.1	.5	4.3	2.6								7.5	9.9
SE		.5	2.7	2.4	.3							5.9	10.2
SSE		.7	4.3	4.0	.8							9.8	10.8
S		.4	2.4	8.3	3.1	.3						14.5	13.7
SSW		.1	1.2	3.6	.7							5.6	12.9
SW	.1	.4	.9	1.7	.3	.3						3.8	11.7
WSW		.5	1.6	1.3	.4							3.9	10.7
W		.3	2.8	4.4	1.7	.1						9.4	13.1
WNW		.1	2.6	2.3	.8	.1						5.9	12.1
NW	.1	.4	1.5	3.0	1.1							6.2	12.6
NNW		.5	2.4	1.6	.1							4.7	10.1
VARBL													
CALM												.4	
	.5	8.3	35.9	44.5	9.5	.8						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 74-81 YEARS
CLASS ALL WEATHER
CONDITION
MAY MONTH
1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N		.4	.9	.1		.1						1.6	9.0
NNE		1.1	1.2	.4								2.7	7.9
NE		.3	.5	.5								1.3	9.3
ENE		.5	1.1	1.3	.1							3.1	10.3
E		.5	5.0	3.6	.1							9.3	10.3
ESE		.4	3.4	2.3								6.0	9.7
SE		.4	3.8	1.1								5.2	9.2
SSE		1.1	4.7	4.4	.4							10.6	10.6
S		.5	4.6	12.4	2.3	.8						20.6	13.1
SSW			1.3	4.8	1.5	.3						7.9	13.7
SW		.1	.7	1.9	.4							3.1	12.8
WSW		.3	.8	1.6	.4							3.1	12.3
W	.1	.4	2.4	3.1	.8							6.9	11.4
WNW		.1	1.5	4.0	.4							6.0	12.1
NW	.1	.3	2.7	3.4	.9	.3						7.7	12.1
NNW		.3	1.7	1.9	.5							4.4	11.2
VARBL													
CALM												.4	
	.3	6.7	36.3	46.9	7.9	1.5						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.1	.4								2.0	8.3
NNE	.1	1.2	.8									2.2	5.8
NE		.1	1.2	.8								2.2	9.6
ENE	.1	.9	2.0	1.1	.3							4.4	9.1
E	.3	2.3	4.0	.8	.1							7.5	7.4
ESE	.1	1.2	2.0									3.4	6.8
SE	.1	1.1	2.2	.7								4.0	6.3
SSE		1.8	3.9	.7	.3							6.6	8.2
S	.1	3.8	11.3	7.0	.7	.3						23.2	9.7
SSW		2.6	6.2	4.4	.1							13.3	9.5
SW		1.2	3.0	.5								4.7	6.2
WSW		1.2	2.2	1.1								4.4	8.4
W		1.6	3.1	1.2								5.9	8.5
WNW		.7	1.8	1.2	.1							3.8	10.2
NW	.3	1.1	1.9	1.9	.1							5.3	9.5
NNW		1.3	1.6	1.3	.4							4.7	9.5
VARBL													
CALM												2.3	
	1.2	22.6	48.2	23.2	2.2	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.8	1.6	.5								3.9	7.6
NNE	.3	2.6	.7									3.5	5.2
NE		1.1	.7	.4	.1							2.3	7.9
ENE		1.1	1.5	.9		.1						3.6	9.1
E	.1	3.0	2.7	.4	.1	.1						6.5	7.4
ESE	.3	.9	.8	.3	.1							2.4	7.2
SE	.3	1.3	1.1	.3								3.0	6.5
SSE		1.6	2.7	.7	.1	.1						5.3	8.4
S	.4	4.9	4.6	2.0	.7							12.6	8.3
SSW		6.6	7.4	3.8	.1							17.9	8.0
SW	.1	3.6	3.8	.1								7.7	6.5
WSW	.3	3.5	3.5	.1								7.4	6.6
W	.3	2.3	3.0	.4								5.9	7.0
WNW	.1	1.2	.8	.5								2.7	7.5
NW	.5	.9	.5	.5								2.6	6.8
NNW	.5	1.8	1.8	.5	.1							4.7	7.6
VARBL													
CALM												8.0	
	3.2	38.2	37.1	11.6	1.5	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	2.2	.8	.1	.0						5.0	7.9
NNE	.2	1.6	1.3	.8								3.8	7.6
NE	.1	1.0	1.2	1.0	.1							3.3	9.0
ENE	.0	1.1	1.5	1.2	.1	.0						3.9	9.4
E	.1	1.8	3.0	1.6	.2	.0						6.8	8.7
ESE	.1	.8	1.8	.9	.1	.0						3.7	9.0
SE	.1	.9	1.8	.8	.0	.0						3.6	8.6
SSE	.7	1.4	2.6	2.0	.3	.1						6.3	9.6
S	.1	2.5	4.4	4.6	1.1	.2						13.0	10.5
SSW	.1	2.7	3.5	2.9	.4	.0						9.7	9.3
SW	.2	2.3	2.3	.9	.2	.0						5.9	7.9
WSW	.2	1.9	2.1	1.1	.1							5.5	8.1
W	.2	2.1	3.3	2.1	.4	.0						8.2	9.2
WNW	.1	1.3	1.8	1.5	.3	.1						4.9	9.7
NW	.2	1.4	1.7	1.7	.4	.1						5.5	9.9
NNW	.1	2.1	2.4	1.4	.2	.0						6.2	8.5
VARBL													
CALM												4.7	
	1.8	26.8	36.8	25.5	3.9	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

5946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.2	1.1	.1								4.7	5.9
NNE	.9	2.6	.4	.1								4.0	5.0
NE	.3	1.4	.1	.3								2.1	5.4
ENE	.3	.8	.8	.6								2.5	7.5
E		1.1	.8									1.9	6.1
ESE	.4	1.0	.8									2.2	5.8
SE	.1	1.0	.4									1.5	6.0
SSE	.1	4.2	1.8									6.1	6.0
S	.6	4.3	4.2	3.1								12.1	6.0
SSW	.4	6.2	4.4	1.4								12.5	6.8
SW	.4	4.9	2.2	.6								8.1	6.0
WSW	.4	4.2	3.7									8.3	6.2
W	1.1	3.6	3.1									7.8	5.8
WNW	.1	2.2	1.0	.6								3.9	6.8
NW	.6	3.5	1.2	.1								5.4	5.6
NNW	.8	4.4	1.9	.6								7.8	6.0
VARBL													
CALM												9.0	
	6.8	48.6	28.2	7.4								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS
JULY MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	4.5	2.1									6.8	5.8
NNE	1.0	1.9	1.0	.1								4.0	5.4
NE	.1	.7	1.1		.1							2.1	7.4
ENE		.8	.8		.3							1.9	7.9
E	.7	2.2	.3	.3								3.5	5.0
ESE	.1	.6	.4									1.1	6.3
SE	.3	1.8	1.0									3.1	5.4
SSE	.6	2.2	1.7	.4								4.9	6.7
S	.7	4.2	3.8	1.4								10.0	7.2
SSW	.6	4.3	5.0	.6								10.4	7.0
SW	.3	4.2	2.5	.4								7.4	6.3
WSW	.1	4.9	3.6									8.6	6.1
W	.6	4.0	2.9	.6								9.1	6.3
WNW		2.9	1.4									4.3	5.8
NW	.1	2.8	1.4	.1								4.5	5.9
NNW	.7	4.6	2.9	.1								8.3	5.8
VARBL													
CALM												11.0	
	6.1	46.6	31.8	4.0	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.2	2.2	.4								6.2	6.4
NNE	.6	3.2	1.5	.3								5.6	6.5
NE	.1	.8	2.4	1.8								5.1	9.2
ENE		1.2	.8	.3								2.4	7.0
E	.6	2.5	1.4									4.4	5.6
ESE	.1	1.0	1.4									2.5	6.8
SE	.1	.7	.6									1.4	5.9
SSE	.3	1.5	2.1	.6								4.4	7.1
S	.1	2.6	3.3	1.8	.1							8.1	8.5
SSW	.4	2.5	4.6	2.1								9.6	8.4
SW		3.2	4.3	1.2								8.7	7.7
WSW	.1	1.5	4.2	1.1								6.9	8.0
W	.1	2.8	5.1	.8								8.9	7.9
WNW	.1	2.2	2.9	1.2								6.5	7.7
NW	.1	1.7	1.8	1.2								4.9	8.1
NNW	.8	2.2	3.5	1.2								7.8	7.4
VARBL													
CALM												6.5	
	4.2	32.9	42.1	14.2	.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	1.2	.6								3.3	7.8
NNE		1.9	.1	.7								2.8	7.2
NE		1.0	1.4	1.9								4.3	10.4
ENE	.1	.8	1.4	2.2								4.6	9.6
E		2.9	5.0	1.5								9.4	8.0
ESE		.7	2.2	.4								3.3	7.8
SE		1.1	1.7	.3								3.1	7.4
SSE		1.8	1.7	.8	.1							4.1	8.2
S	.1	1.5	3.7	3.9	.3							9.6	9.8
SSW		.7	4.0	2.6								7.4	9.9
SW	.1	2.1	2.5	1.7								6.4	8.5
WSW		.6	3.3	3.1								6.9	9.9
W	.1	2.9	6.1	3.1								12.2	8.6
WNW	.1	.6	1.8	1.9								4.4	10.0
NW	.1	1.1	3.3	3.1	.1							7.8	10.0
NNW	.1	2.4	2.8	2.9	.1							8.3	9.0
VARBL													
CALM												1.7	
	1.0	23.6	42.4	30.7	.7							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93734 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
JUN MONTH
1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.4	.4								2.4	8.2
NNE		.1	.7	.4								1.2	8.8
NE		.6	.8	1.4	.4							3.2	11.3
ENE		.3	1.2	2.5	.1							4.2	11.7
E			3.7	2.8								6.5	10.0
ESE		.4	3.7	1.9								6.1	9.4
SE		.1	5.0	1.1								6.2	9.1
SSE		1.0	5.6	3.1	.3							9.9	10.0
S		.4	4.4	10.1	1.5							16.5	12.4
SSW		.7	2.4	1.9	.6							5.6	10.6
SW		.3	2.1	1.8	.4							4.6	11.2
WSW		.1	2.5	2.4	.1							5.1	11.2
W		1.1	3.5	6.2	.7							11.5	11.1
WNW		.7	1.8	2.9	.4							5.8	11.0
NW		.4	1.8	3.3	.1							5.7	11.5
NNW		.8	2.2	1.7	.3							5.0	10.3
VARBL													
CALM												.4	
		7.6	42.9	44.0	5.0							100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.3								1.2	8.4
NNE		.4	.1	.4								1.2	8.3
NE			.8	.8								1.7	11.0
ENE			1.4	1.1	.1							2.6	10.9
E		1.1	5.4	3.2	.4							10.2	9.8
ESE		.1	2.5	1.5								4.2	10.1
SE		.7	5.4	.7								6.9	8.5
SSE		.8	5.6	4.0	.3							10.7	10.2
S		.4	4.6	14.9	1.0							20.9	12.3
SSW		.4	1.7	4.9	.8							7.8	12.3
SW			1.4	2.2	.1							3.8	11.5
WSW		.1	1.8	3.6	.3	.1						6.0	12.0
W		.6	2.9	4.9	.7							9.0	11.5
WNW		.3	.8	3.3	.1	.1						4.7	12.5
NW		1.0	1.7	3.1								5.7	10.6
NNW		1.0	.8	1.7	.1							3.6	10.5
VARBL													
CALM												.4	
		7.2	37.4	50.6	4.0	.3						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS JUN MONTH
1600-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	.6	.1								1.7	6.2
NNE	.1	.6	1.0									1.7	6.4
NE		.4	1.0	.1								1.5	8.5
ENE	.1	1.1	1.1	.4	.1							2.9	7.5
E		2.6	3.6	.7								6.9	7.4
ESE		2.1	2.9	.1								5.1	7.2
SE		1.8	3.2	.6								5.6	7.8
SSE		2.2	6.0	1.8								10.0	8.5
S		3.1	11.8	5.8	.1							20.8	9.3
SSW	.3	2.1	6.9	4.9	.1							14.3	9.7
SW		2.8	3.3	.3								6.4	7.2
WSW		1.7	2.9	.7								5.3	8.0
W		1.7	2.9	.7								5.3	8.0
WNW		1.7	1.7	1.2	.1							4.7	8.7
NW	.3	1.8	.7	.6								3.3	7.1
NNW		1.1	.7	.7	.1							2.6	8.6
VARBL													
CALM												1.5	
	1.0	27.8	50.3	18.7	.7							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.2	.1								2.2	7.2
NNE	.1	1.7	1.2									3.1	6.1
NE	.1	1.1	.6									1.8	6.0
ENE	.1	2.2	.7	.6								3.6	6.4
E	.3	2.6	.4	.3								3.6	5.5
ESE		1.8	.7	.4								2.9	6.8
SE	.3	1.2	1.0	.3								2.8	6.4
SSE	.4	3.3	3.2	.7								7.6	6.7
S		4.9	6.4	2.4	.1							13.7	8.0
SSW	.3	6.4	8.2	3.1	.1							18.1	7.8
SW	.3	4.4	3.2	.4								8.3	6.3
WSW		3.6	2.5	.1								6.2	6.6
W	.3	2.8	2.8	.1								6.0	6.5
WNW	.1	2.2	1.2	.4	.1							4.2	6.9
NW	.1	1.9	1.0	.8	.1							4.0	7.6
NNW	.3	2.5	1.4	.3								4.4	6.6
VARBL													
CALM												7.4	
	2.9	43.5	35.7	10.0	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS
ALL WEATHER CLASS
CONDITION

JUN MONTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	.2	1.9	1.3	.3								3.6	6.
NNE	.3	1.6	.8	.3								2.9	6.
NE	.1	.7	1.0	.8	.1							2.7	9.
ENE	.1	.9	1.0	1.0	.1							3.1	8.
E	.2	1.9	2.6	1.1	.1							5.8	7.
ESE	.1	1.0	1.8	.6								3.4	8.
SE	.1	1.1	2.3	.4								3.9	7.
SSE	.2	2.1	3.4	1.4	.1							7.3	8.
S	.2	2.7	5.3	5.4	.4							14.0	9.
SSW	.2	2.9	4.7	2.7	.2							10.7	8.
SW	.1	2.7	2.7	1.1	.1							6.7	7.
WSW	.1	2.1	3.1	1.4	.1	.0						6.7	8.
W	.3	2.4	3.7	2.0	.2							3.6	8.
WNW	.1	1.6	1.6	1.5	.1	.0						4.3	8.
NW	.2	1.8	1.6	1.5	.1							5.2	8.
NNW	.3	2.4	2.0	1.1	.1							6.0	7.
VARBL													
CALM												4.7	
	2.7	29.7	38.9	22.5	1.4	.0						100.0	8.

TOTAL NUMBER OF OBSERVATIONS 271

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(1)
NOV 81

UNCLASSIFIED

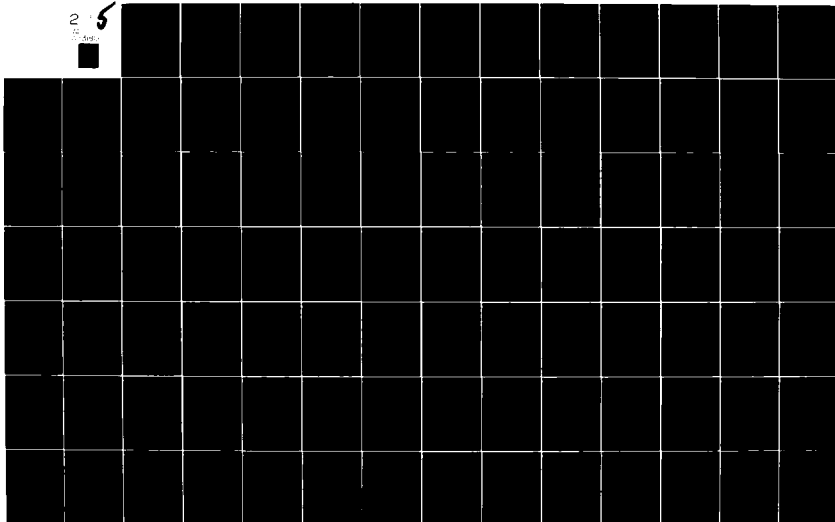
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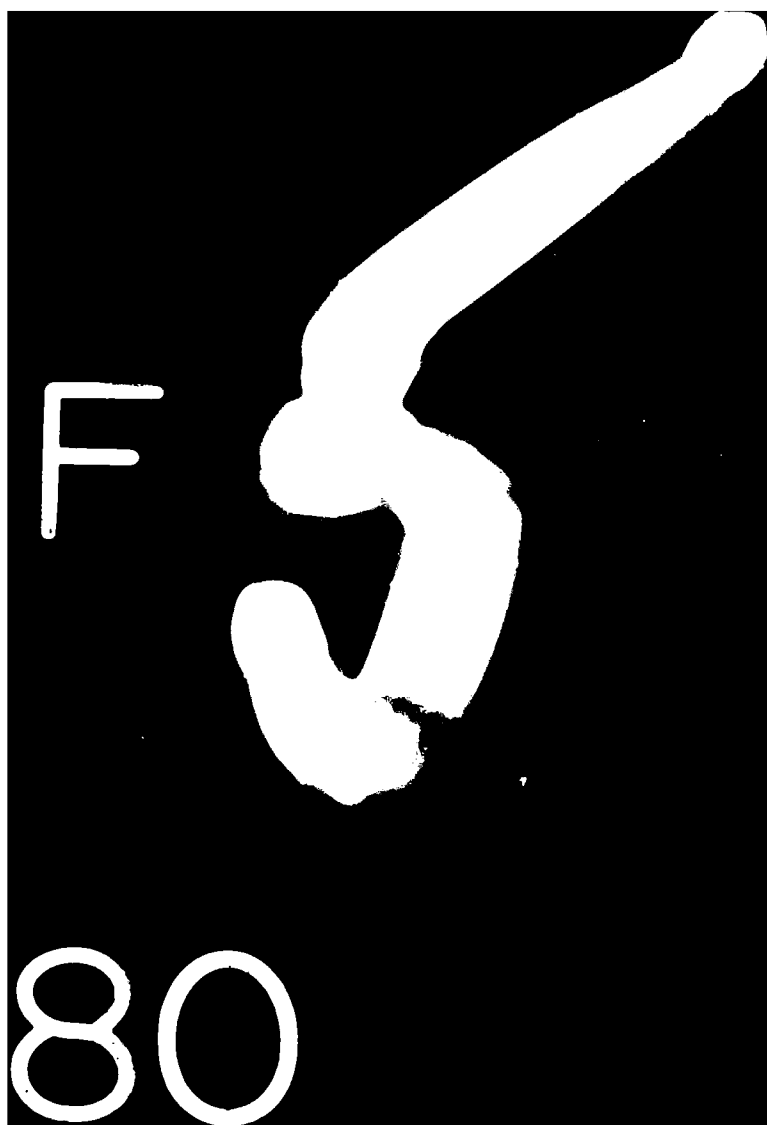
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NL

2

5





2
GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ

STATION NAME

73-80

YEARS

JUL
MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.2	2.3	.1								5.9	6.3
NNE	.4	2.3										2.7	4.4
NE	.1	.1	.1									.4	5.3
ENE	.1	.7	.1									.9	4.9
E	.3	2.3	.5									3.1	5.3
ESE		.9	.1									1.1	4.8
SE	.1	.8	.5									1.5	5.7
SSE	.1	1.9	.4									2.4	5.0
S	.1	4.0	1.6	.7								6.5	6.5
SSW	.5	9.1	4.0	1.3	.3							15.3	6.7
SW	.5	7.3	3.1	.5								11.4	6.1
WSW	.5	4.8	3.9	.3								9.5	6.1
W	.7	5.0	3.0	.5								9.1	6.2
WNW	.4	2.7	1.2	.1								4.4	5.8
NW	.4	4.0	.7	.3	.1							5.5	5.7
NNW	.4	4.0	2.2									6.6	5.8
VARBL													
CALM												13.6	
	5.1	53.2	23.8	3.9	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	5.0	2.8	.1								8.1	6.0
NNE	.1	.9	.3									1.3	5.4
NE	.1	.5										.7	4.0
ENE	.1	.3										.4	4.0
E	.1	1.7	.7									2.6	5.4
ESE		.4	.3	.1								.8	6.8
SE		.8	.4									1.2	6.3
SSE	.1	2.4		.1								2.7	5.2
S	.7	3.8	1.5	.5								6.5	6.2
SSW	.4	6.6	3.5	1.3								11.8	6.6
SW	.7	4.6	2.8									8.1	5.8
WSW	.1	4.6	2.6	.4								7.7	6.4
W	.5	3.8	3.0	.3								7.5	6.3
WNW	.8	2.6	1.2	.1								4.7	5.5
NW	.4	5.5	1.1									7.0	5.1
NNW	.3	5.4	3.2	.3								9.1	6.0
VARBL													
CALM												19.9	
	4.7	48.8	23.3	3.4								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.7	5.5	.7								11.0	7.0
NNE	.4	3.1	1.6	.1								5.2	5.7
NE	.1	1.1	.4									1.6	5.8
ENE	.3	.9	.3	.1								1.6	5.6
E	.4	1.5	1.1	.5								3.5	6.6
ESE	.1	1.1	.5									1.7	6.3
SE		1.5	.5									2.0	5.9
SSE	.1	1.3	.9	.1								2.6	6.5
S	.1	1.2	1.7	1.3	.3							4.7	9.4
SSW	.1	3.4	3.5	1.1								8.1	7.6
SW	.1	2.4	4.7	.8								8.1	7.9
WSW	.3	3.0	4.6	.9	.1							8.9	7.6
W	.1	4.8	5.2	.7								10.9	7.1
WNW	.3	2.0	2.2	.5								5.0	7.0
NW	.4	2.3	2.3	.4								5.4	6.7
NNW	.4	5.8	3.2	.9								10.3	6.8
VARBL													
CALM												9.4	
	3.5	40.1	38.3	8.3	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.4	1.5								5.1	8.6
NNE	.3	1.7	2.4	.5								5.0	7.2
NE	.1	1.3	1.1	.7								3.2	7.5
ENE	.1	1.2	1.5	.5								3.4	8.1
E	.1	2.2	2.8	.9								6.0	7.8
ESE		.8	1.2	1.3								3.4	8.9
SE		.3	2.7	.1								3.1	8.3
SSE		.9	1.7	.3								3.0	7.6
S		.4	2.4	1.5	.1							4.4	9.8
SSW		.5	3.8	2.4	.3							7.0	10.4
SW	.1	1.1	4.2	2.7	.4							8.5	9.9
WSW	.1	1.6	5.1	2.3								9.1	8.8
W		3.6	6.7	1.5	.4							12.2	8.3
WNW	.3	1.5	2.7	1.1		.1						5.6	8.5
NW		1.9	3.1	2.0								7.0	8.9
NNW	.3	3.5	4.3	2.4								10.5	8.2
VARBL													
CALM												3.5	
	1.5	23.8	48.1	21.8	1.2	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.3	.8								3.5	8.1
NNE		.5	.8	.3								1.6	7.9
NE		.1	.3	.1								.5	9.0
ENE		.3	.5	.7								1.5	9.7
E	.1	1.2	4.7	2.7								8.7	9.4
ESE		.8	3.6	.7								5.1	8.7
SE		1.1	4.8	1.2								7.1	8.6
SSE		1.1	3.6	3.2								7.9	9.9
S	.1	.8	5.0	5.8	.9							12.6	11.2
SSW	.1	1.1	2.2	3.6								7.0	10.2
SW		.7	3.0	2.8	.5							7.0	10.8
WSW		.8	4.0	3.1	.1							8.1	9.9
W		2.0	6.6	4.2	.1							12.9	9.4
WNW		.8	1.7	1.3								3.9	9.4
NW		1.2	3.0	1.6								5.8	8.9
NNW		1.6	2.3	2.0								5.9	8.8
VARB													
CALM												.8	
	.5	15.3	47.4	34.1	1.7							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.3	.5								2.3	9.0
NNE		.1	.7									.8	8.3
NE		.1	.5	.1								.8	8.7
ENE		.1	1.2	.7								2.0	9.7
E		1.9	5.1	.9								7.9	8.6
ESE		.7	3.9	.7								5.2	8.5
SE	.1	.9	5.2									6.3	7.8
SSE		1.2	4.3	2.7	.1							8.3	9.4
S		.7	9.2	12.9	1.2	.1						24.1	11.5
SSW		.8	3.5	4.7	.7							9.7	11.2
SW		.3	.8	1.6	.1							2.8	11.3
WSW		.1	2.4	2.7	.1							5.4	10.9
W	.3	1.5	7.0	3.6	.1							12.5	9.4
WNW	.1	.5	2.8	1.7								5.2	9.5
NW		.5	1.5	1.1	.1							3.2	9.6
NNW		.1	1.5	1.1								2.7	10.1
VARBL													
CALM												.5	
	.5	10.1	51.0	35.1	2.6	.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.8	.5								1.6	8.5
NNE	.3	.4	.5									1.2	6.4
NE		.1										.1	4.0
ENE	.1	1.5	.5									2.2	5.9
E	.4	3.4	3.1	.5								7.4	6.7
ESE		2.2	1.3									3.5	6.2
SE	.3	2.2	2.2		.1							4.7	6.6
SSE	.3	4.2	4.0	.3								8.7	6.6
S		4.2	11.4	4.0	.1							19.8	8.7
SSW	.3	4.8	10.9	4.0	.4							20.4	8.5
SW		1.5	3.6	.5								5.6	7.6
WSW		2.2	4.0	.5								6.7	7.5
W		2.3	4.0	1.2								7.5	8.1
WNW		.9	2.3	.3								3.5	7.6
NW		1.3	.4	.4								2.2	7.2
NNW		1.2	1.3	.1								2.7	7.0
VARB													
CALM												2.2	
	1.6	32.5	50.5	12.5	.7							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.6	.5									2.4	5.3
NNE	.3	1.1	.5									1.9	5.9
NE	.3	1.2	.1									1.6	4.4
ENE	.1	.9	.7									1.7	5.5
E	.8	2.8	1.1									4.7	5.0
ESE	.3	1.2	.7									2.2	5.4
SE	.1	1.2	.5									1.9	5.4
SSE		3.2	.7									3.9	5.3
S	.8	6.9	5.0	2.0								14.7	7.0
SSW	.5	9.4	7.4	2.3	.4							20.0	7.2
SW		6.6	3.4	.3								10.2	6.3
WSW	.1	3.5	4.7									8.3	6.6
W	.1	2.6	2.7	.1								5.5	6.5
WNW	.4	2.0	.4	.7								3.5	6.7
NW	.1	1.9	.4	.3								2.7	6.2
NNW	.3	2.4	1.9	.4								5.0	6.4
VARBL													
CALM												9.8	
	4.6	48.5	30.6	6.0	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373J STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.1	.5								5.0	7.1
NNE	.2	1.3	.9	.1								2.5	6.2
NE	.1	.6	.3	.1								1.1	6.4
ENE	.1	.7	.6	.3								1.7	7.2
E	.3	2.1	2.4	.7								5.5	7.4
ESE	.1	1.0	1.5	.4								2.9	7.6
SE	.1	1.1	2.1	.2	.0							3.5	7.4
SSE	.1	2.0	2.0	.8	.0							4.9	7.6
S	.2	2.7	4.7	3.6	.3	.0						11.6	9.3
SSW	.3	4.5	4.8	2.6	.3							12.4	8.2
SW	.2	3.0	3.2	1.2	.1							7.7	7.7
WSW	.2	2.6	3.9	1.3	.1							8.0	7.8
W	.2	3.2	4.8	1.5	.1							9.8	7.9
WNW	.3	1.6	1.8	.7		.0						4.5	7.6
NW	.2	2.3	1.5	.8	.0							4.8	7.2
NNW	.2	3.0	2.5	.9								6.6	7.2
VARBL													
CALM												7.5	
	2.8	34.0	39.1	15.6	.9	.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 5951

2
GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.9	2.0	.4								6.5	6.4
NNE		2.0	.9									3.0	5.7
NE	.3	1.3	.7	.3								2.6	5.9
ENE	.4	.8	.5	.3								2.0	6.5
E	.1	.4	.3									.8	5.3
ESE		.4										.4	4.3
SE	.1	.4	.3									.8	5.0
SSE	.1	2.4	.5	.4								3.5	6.3
S	.8	4.0	3.5	.4								8.7	6.4
SSW	.4	5.8	5.1	.3								11.6	6.6
SW	.4	6.3	2.7	.4								9.8	6.1
WSW	.8	6.9	1.1									8.7	5.1
W	.4	3.2	2.4	.1	.4							6.6	6.8
WNW	.1	2.8	.7									3.6	5.4
NW	.8	5.0	.5									6.3	4.8
NNW	.8	4.3	.8	.1								6.0	5.1
VARBL													
CALM												19.1	
	5.8	50.0	22.0	2.7	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.5	2.2	.1								3.1	5.8
NNE	.1	2.4	.9	.4								3.9	6.1
NE		.7	.5	.3								1.5	7.4
ENE		.5	.4	.1								1.1	6.9
E	.5	.5	.8									1.9	5.4
ESE		.3										.3	4.5
SE	.1	.4	.1	.1								.8	6.2
SSE	.3	2.4	.5	.3								3.5	5.6
S	.3	2.7	1.5	.7								5.1	6.8
SSW	.4	5.5	4.7	.4								11.0	6.4
SW	.7	5.2	2.2	.5								8.6	6.1
WSW	.4	4.6	.7	.3	.1							6.2	5.7
W	.4	5.8	1.1	.3								7.5	5.5
WNW	.1	3.6	.9									4.7	5.3
NW	.3	7.0	.8									8.1	5.0
NNW	1.2	5.5	1.2	.1								8.1	5.3
VARBL													
CALM												19.9	
	5.1	52.7	18.5	3.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.2	4.0									8.6	6.4
NNE	.3	2.3	1.7	.7								5.7	6.8
NE	.1	3.0	1.5	.3								4.8	6.3
ENE		1.1	.9	.3								2.3	7.4
E	.1	1.3	.4	.1								2.0	5.6
ESE	.1	.5	.1									.8	5.7
SE	.1	1.2	.7									2.0	6.1
SSE	.5	2.2	.5	.3								3.5	5.7
S	.3	1.3	1.7	.8								4.2	7.7
SSW		5.0	3.8	1.3	.3							10.3	7.3
SW	.3	3.4	3.0	1.2								7.8	7.3
WSW	.1	2.3	3.5	.4								6.3	7.1
W	.3	3.5	3.6	.7								8.1	6.7
WNW	.1	3.5	1.3	.3								5.2	5.9
NW	.3	3.9	1.5	.1								5.8	5.8
NNW	.8	6.9	3.1	.4								11.2	5.9
VARBL													
CALM												12.1	
	3.9	45.4	31.5	6.9	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	4.2	2.6	.7								7.7	6.6
NNE	.1	2.0	3.0	.7								5.8	7.6
NE		2.2	2.8	1.1								6.0	8.1
ENE	.3	1.1	1.9	1.2								4.4	8.5
E		2.2	3.5	.7								6.3	7.5
ESE		.9	.5	.1								1.6	6.6
SE	.3	1.2	1.1	.4								3.0	6.8
SSE	.1	.7	1.6	.4								2.8	8.4
S	.3	1.3	2.8	1.6	.3							6.3	8.8
SSW	.1	1.9	3.8	1.5	.1							7.4	8.5
SW	.1	2.7	4.7	2.8	.1							10.5	8.7
WSW	.1	1.5	3.8	1.7	.1							7.3	9.0
W	.7	4.2	5.6	1.1								11.6	7.3
WNW	.1	2.2	2.6	.9								5.8	7.6
NW		3.2	1.3	.7								5.2	6.7
NNW	.1	2.4	2.8	.5								5.9	7.2
VARBL													
CALM												2.4	
	2.7	33.7	44.4	16.1	.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS AUG MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.3	.7								4.4	7.1
NNE		.8	.7	.5								2.0	8.1
NE		.9	.7	.5								2.2	8.1
ENE		1.1	1.5	2.0								4.6	9.9
E	.1	1.1	4.0	1.5								6.7	8.8
ESE		.8	3.2	.3								4.3	8.3
SE		.9	3.0	.5								4.4	8.2
SSE		1.9	4.4	2.4								8.7	8.8
S		.3	4.0	5.9	.4							10.6	11.3
SSW		.5	4.0	2.6	.4							7.5	10.3
SW	.1	2.0	3.5	3.2	.4							9.3	9.7
WSW	.3	1.2	3.4	2.4	.1							7.4	9.2
W	.3	2.2	5.5	3.0	.1							11.0	8.9
WNW	.3	2.0	2.2	1.2								5.6	7.6
NW		1.9	2.4	1.1								5.4	8.1
NNW		1.1	2.8	.7	.1							4.7	8.4
VARBL													
CALM												1.1	
	1.5	20.7	46.6	28.5	1.6							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	1.6	.4								2.8	7.8
NNE		.1	.4	1.3	.1							2.5	11.4
NE		.1	1.1	.3								1.5	8.8
ENE		.4	1.7	1.3								3.5	9.7
E	.1	2.0	5.1	1.1	.1							8.5	8.0
ESE	.1	1.1	2.6	.4								4.2	8.0
SE		2.2	3.5	.4	.1							6.2	7.7
SSE	.1	1.7	6.1	3.0								10.9	9.1
S		.8	8.2	9.2	.8							19.0	11.2
SSW		.7	4.2	2.4	.3							7.5	10.4
SW		.5	3.8	2.0								6.3	9.7
WSW		.3	2.7	2.0								5.0	9.9
W		1.7	5.5	2.2	.3							9.7	9.1
WNW		1.3	3.2	1.3								5.9	8.7
NW	.1	.8	2.3	.7								3.9	8.5
NNW		.3	2.2	.5	.1							3.1	9.5
VARBL													
CALM													
	.5	14.9	54.1	28.5	1.9							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 743

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS
AUG MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	1.3			.1						3.6	6.7
NNE		1.3	.5	.7	.1							2.7	8.4
NE	.1	1.6	.4	.1								2.3	6.0
ENE		1.9	1.2	.1								3.2	6.8
E	.5	3.9	1.9									6.3	5.7
ESE	.4	2.0	1.2									3.6	5.8
SE	.5	3.1	.5									4.2	5.2
SSE	.1	3.9	3.6	.3								7.9	6.7
S	.1	6.1	10.0	1.7								17.9	7.7
SSW	.4	3.4	8.2	2.2								14.1	8.0
SW	.3	3.9	2.8	.5								7.5	6.7
WSW	.1	3.2	.9	.1								4.4	6.0
W		4.6	2.6	.5		.1						7.8	7.0
WNW	.4	2.3	1.3									4.0	6.0
NW		2.6	.7	.1								3.4	6.1
NNW	.3	1.6	.4		.1	.1						2.6	6.9
VARBL													
CALM												4.3	
	3.6	47.2	37.7	6.5	.3	.4						100.2	6.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	.9	.5								3.0	7.2
NNE	.3	1.2	.3									1.7	5.0
NE	.5	2.0	.3	.4								3.2	5.9
ENE	.3	1.2	.5	.1								2.2	5.9
E	.8	1.2	1.1	.1								3.2	5.8
ESE	.3	1.1										1.3	4.0
SE	.4	1.7	.1									2.3	4.7
SSE	1.2	3.1	2.6									6.9	5.9
S	.1	5.0	3.9	.3								9.3	6.5
SSW	.8	6.9	6.7	1.7								16.2	7.0
SW	.9	7.4	3.0	.3								11.6	5.9
WSW	.3	6.2	.9									7.4	5.4
W	.5	3.6	1.3	.1	.1	.1						5.9	6.2
WNW	.1	1.6	.4	.3								2.4	5.8
NW	.3	3.8	.4			.3						4.7	6.4
NNW	.4	2.0	.5									3.0	5.1
VARB													
CALM												15.7	
	7.3	49.5	23.0	3.9	.1	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.0	2.0	.4		.0						5.6	6.6
NNE	.1	1.5	1.1	.5	.0							3.3	7.2
NE	.1	1.5	1.0	.4								3.0	7.0
ENE	.1	1.0	1.1	.7								2.9	8.1
E	.3	1.6	2.1	.4	.0							4.5	7.1
ESE	.1	.9	1.0	.1								2.1	6.9
SE	.2	1.4	1.2	.2	.0							3.0	6.7
SSE	.3	2.3	2.5	.9								6.0	7.4
S	.2	2.7	4.5	2.6	.2							10.1	8.7
SSW	.3	3.7	5.1	1.5	.1							10.7	7.8
SW	.4	3.9	3.2	1.4	.1							8.9	7.4
WSW	.3	3.3	2.1	.9	.1							6.6	7.1
W	.3	3.6	3.5	1.0	.1	.0						8.5	7.4
WNW	.2	2.4	1.6	.5								4.7	6.7
NW	.2	3.5	1.2	.3		.0						5.3	6.2
NNW	.5	3.0	1.7	.3	.1	.0						5.6	6.4
VARB													
CALM												9.3	
	1.8	39.3	34.7	12.1	.7	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5949

GLCRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.8	4.6	.1								11.1	6.3
NNE	.6	3.3	1.8		.3							5.0	6.7
NE	.4	1.0	.8	.3								2.5	7.0
ENE	.1	.6	.4									1.1	5.5
E	1.1	2.4	1.8	.1								5.4	5.8
ESE	.1	1.2	1.0									2.4	6.5
SE		.3	1.5	.3								2.1	8.9
SSE	.1	1.4	.4	.3		.1						2.4	7.1
S		1.2	.3									1.5	5.9
SSW	.4	4.0	3.5	1.7								9.6	7.5
SW	.6	4.9	3.6	.6	.1							9.7	6.7
WSW		4.0	1.4									5.4	5.8
W	.1	2.1	1.7	.1								4.0	6.5
WNW	.3	1.8	1.2	.3	.1							3.7	7.3
NW	.1	4.3	1.1	.1								5.7	5.5
NNW	.6	5.6	1.0	.3								7.4	5.4
VARBL													
CALM												23.0	
	5.1	43.9	26.1	4.2	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 ATLANTIC CITY NJ 73-80 SEP
STATION STATION NAME YEARS MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	6.9	4.2	1.0								12.6	6.3
NNE	.8	3.3	1.1	.4								5.7	5.8
NE	.1	.4	.6	.7								1.8	8.5
ENE	.1	1.1	.1									1.4	4.7
E	.7	3.5	.6	.7								5.4	5.9
ESE	.1	1.1	.3	.4								1.9	6.9
SE		1.2	1.1									2.4	7.1
SSE		.8	.8	.4		.3	.1					2.5	11.0
S	.1	1.7	.6	.1								2.5	6.2
SSW	.3	3.1	1.8	1.0								6.1	7.2
SW	.4	4.0	1.8	.7								6.9	6.5
WSW		4.3	1.7	.1								6.1	5.6
W	.6	2.9	3.1									6.5	6.0
WNW		2.5	.8									3.3	6.0
NW	.7	5.3	1.8	.3								8.1	5.7
NNW	.8	4.7	2.1	.6								8.2	5.9
VARBL													
CALM												18.5	
	5.4	46.9	22.4	6.4		.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS SEP MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.7	6.0	1.4								13.4	7.1
NNE	.3	5.1	2.9	.8								9.2	6.6
NE		1.4	1.0	.4								2.8	7.2
ENE	.1	1.0	.6	.3								1.9	6.4
E	.4	1.5	1.1	.7								3.8	7.1
ESE	.1	1.3	.3									1.7	5.0
SE		.8	1.1	.3								2.2	7.3
SSE	.3	.4	1.1	.6	.3							2.6	9.0
S	.3	1.9	1.3	.3	.1	.1						4.0	7.6
SSW		2.6	2.5	.3		.3						5.7	7.7
SW	.6	3.1	2.4	1.1	.3							7.4	7.4
WSW	.1	4.3	2.5									7.0	6.2
W	.6	3.5	2.4	.1								6.5	6.1
WNW		1.8	1.7	.4								3.9	6.9
NW	.4	2.5	1.9	.3								5.1	6.3
NNW	.3	5.1	3.2	.6								9.2	6.5
VARBL													
CALM												13.6	
	3.8	42.1	31.8	7.5	.7	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.4	6.2	1.4								10.3	8.2
NNE	.1	1.1	4.2	1.0								6.4	8.2
NE		2.2	3.2	1.0								6.4	8.1
ENE		1.2	2.1	1.9								5.3	9.6
E	.7	1.8	3.1	.7								6.2	7.2
ESE		1.2	1.7	1.1								4.0	8.3
SE	.4	1.8	1.5	.7	.1							4.6	7.5
SSE		.4	1.8	.8	.3							3.3	10.2
S		1.4	2.2	2.1	.1							5.8	9.7
SSW	.1	1.8	2.4	1.5	.3							6.1	8.9
SW		2.2	1.8	2.6	.4							7.1	9.5
WSW	.1	2.4	2.4	1.1	.1							6.1	8.3
W	.3	2.9	4.6	.7								8.5	7.4
WNW	.1	1.0	2.4	.4								3.9	7.9
NW	.4	1.1	2.9	1.8								6.2	8.8
NNW	.1	1.8	3.6	2.2								7.8	8.8
VARBL													
CALM												1.9	
	2.8	26.8	46.0	21.1	1.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		1.8	2.6	.6								5.0	7.6
NNE		1.4	1.5	1.1								4.0	8.0
NE		.6	1.8	.6								2.9	8.8
ENE		.7	2.8	2.2								5.7	10.0
E	.1	1.9	3.9	1.8								7.8	8.6
ESE		.8	2.2	1.4								4.4	8.7
SE		.8	3.1	1.1	.3							5.3	9.3
SSE		.8	3.2	2.1								6.1	9.8
S		.8	3.1	4.6	.8	.1						9.4	11.4
SSW		.3	1.7	2.9	.7	.1						5.7	12.2
SW	.4	.8	3.5	1.5	.3							6.5	9.1
WSW		.7	2.2	2.2	.4							5.6	10.6
W		1.8	6.4	2.4								10.6	8.9
WNW	.1	.7	3.2	2.2								6.2	9.6
NW	.1	1.7	3.3	1.4								6.5	8.5
NNW	.3	1.0	2.8	2.5	.1							6.7	9.4
VARBL													
CALM												1.5	
	1.1	16.7	47.2	30.6	2.6	.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.7	.3								2.9	7.4
NNE		.3	1.0	1.0								2.2	9.6
NE		.7	2.2	.8								3.7	8.9
ENE		.7	2.4	1.1								4.2	9.8
E		2.2	6.1	.6								8.9	8.1
ESE		1.1	3.3	1.1	.1							5.7	8.7
SE	.3	2.1	3.1	.3	.3							6.0	7.2
SSE		.1	4.4	1.1								5.7	9.1
S		.3	10.7	5.6	.6							17.1	10.4
SSW		1.2	3.1	2.6	1.1							8.1	11.2
SW		.1	2.8	.7								3.6	8.8
WSW	.1	.8	1.7	1.2	.1							4.0	9.6
W		1.7	6.2	2.4	.1							10.4	9.1
WNW		.4	3.9	2.9								7.2	10.0
NW		.4	3.9	1.0								5.3	9.0
NNW		.7	2.6	1.0								4.3	9.2
VARBL													
CALM												.7	
	.8	13.5	59.0	23.6	2.4							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS SEP MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	1.0	.1								3.6	6.1
NNE	.1	2.9	1.8	.3								5.1	6.5
NE	.4	1.2	2.4									4.0	6.6
ENE	.3	1.2	1.4	.4								3.3	7.3
E	.7	6.0	1.4	.4	.1							8.6	5.9
ESE	.3	1.8	.7	.4								3.2	6.4
SE	.1	2.4	.7	.1								3.3	5.8
SSE	.1	2.9	1.0	.6								4.6	6.7
S	.3	5.4	7.8	2.2	.6							16.2	7.9
SSW	.3	3.6	6.5	2.1								12.5	9.1
SW	.4	2.1	1.9	.3	.1							4.9	6.4
WSW		2.9	1.8									4.7	6.0
W		3.6	2.1	.3								6.0	6.5
WNW		3.6	1.2	.3		.1						5.3	6.7
NW	.3	3.1	.4									3.7	5.2
NNW		2.6	1.5									4.2	6.1
VARBL													
CALM												6.7	
	3.5	47.8	33.6	7.5	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9373C STATION ATLANTIC CITY NJ 73-80 YEARS SEP MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.7	2.6	.4								7.2	6.4
NNE	.4	2.9	1.5	.3	.1							5.3	6.4
NE	.1	1.5	1.2	.1								3.1	6.7
ENE		.8	1.1	.3								2.2	7.5
E	.7	2.4	1.9	.4								5.4	6.2
ESE	.4	1.0	.7	.1								2.2	6.1
SE	.6	1.0	.6	.3	.1							2.5	7.0
SSE	.4	2.1	.4									2.9	4.9
S		2.9	2.2	.6	.1							5.8	7.4
SSW	.7	3.9	4.6	2.4								11.5	7.6
SW	.6	5.4	1.8	.8								8.6	6.2
WSW	.6	4.3	1.4									6.2	5.3
W	.4	1.7	1.7	.1								3.9	6.1
WNW		2.6	1.0	.4								4.0	6.4
NW	.3	2.9	.8	.4								4.4	6.4
NNW	.6	2.8	1.9	.4								5.7	6.3
VARBL													
CALM												18.9	
	6.1	41.9	25.6	7.1	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93734 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.7	3.6	.7								9.3	6.9
NNE	.3	2.6	2.0	.6	.1							5.5	7.0
NE	.1	1.1	1.6	.5								3.4	7.6
ENE	.1	.9	1.4	.8								3.1	7.4
E	.6	2.7	2.5	.7	.0							6.5	7.0
ESE	.1	1.2	1.3	.6	.0							3.2	7.5
SE	.2	1.3	1.6	.4	.1							3.5	7.6
SSE	.1	1.1	1.6	.7	.1	.1	.0					3.8	8.6
S	.1	2.0	3.5	1.9	.3	.0						7.8	9.1
SSW	.2	2.6	3.2	1.8	.3	.1						8.2	8.6
SW	.4	2.8	2.4	1.0	.2							6.8	7.5
WSW	.1	3.0	1.9	.6	.1							5.6	7.0
W	.2	2.5	3.5	.8	.0							7.0	7.4
WNW	.1	1.8	1.9	.9	.0	.0						4.7	7.9
NW	.3	2.7	2.0	.7								5.6	7.0
NNW	.3	3.0	2.3	.9	.0							6.7	7.1
VARBL													
CALM												10.2	
	3.6	35.0	36.5	13.5	1.1	.2	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS OCT MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.9	2.8	.7								7.8	6.6
NNE		1.9	2.2	.1								4.2	7.0
NE		.8	1.1	.8								2.7	8.6
ENE		.8	.8	.5								2.2	8.1
E	.4	.4	1.3	.3	.1	.1						2.7	9.5
ESE	.1	.7	.4									1.2	5.6
SE	.1	.8	.5									1.5	6.3
SSE	.1	1.1	1.1									2.3	6.5
S	.1	2.0	1.6	.4	.3							4.4	7.6
SSW	.7	3.0	2.3	.5								6.5	6.9
SW	.5	2.7	1.6	.4								5.2	6.4
WSW	.5	3.2	3.6	.9	.5							8.9	7.7
W	.3	4.0	5.0	1.3	.3	.1						11.0	8.0
WNW	.4	2.7	1.9	.7								5.6	6.7
NW	.4	4.0	3.0									7.4	6.1
NNW	.3	5.1	2.6	.4								8.3	6.1
VARBL													
CALM												18.1	
	4.4	37.1	31.7	7.1	1.2	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A14 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS OCT MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	5.5	3.6	1.3								11.0	7.0
NNE	.1	2.0	2.4	.1								4.7	6.9
NE		.8	1.2	.3								2.3	8.2
ENE	.1	.9	.5	.5	.1							2.3	8.4
E		1.1	.9	.8	.1							3.0	9.0
ESE	.3	.4	.3									.9	5.1
SE	.3	1.1	.5	.3								2.2	6.6
SSE	.4	.8	.5	.1								1.9	6.6
S	.3	1.2	.5	.3	.1							2.4	7.0
SSW	.4	2.6	2.4	.8								6.2	7.0
SW	.8	3.6	1.1	.3								5.8	5.6
WSW	.5	3.5	1.9	.7								6.6	6.3
W	.7	3.8	5.5	1.6	.5							12.1	8.1
WNW	.3	2.7	2.4	.1								5.5	6.5
NW	.7	3.2	2.4	.3								6.6	6.2
NNW	1.1	5.0	2.0	.4								8.5	5.7
VARBL													
CALM												18.1	
	6.5	38.2	28.4	7.9	.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0600
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.4	4.7	1.6								12.0	7.3
NNE	.3	1.1	3.6	.9								5.9	7.9
NE	.1	1.2	.5	.8								2.7	7.7
ENE	.1	1.2	.5	.4								2.3	6.8
E	.3	1.5	.9	.8	.3	.1						3.9	8.6
ESE	.1	.1	.4	.1								.8	7.2
SE		.5	.8	.1								1.5	8.1
SSE	.1	.9	.4		.3							2.2	8.8
S		1.7	1.3	.5	.1							3.8	7.6
SSW	.4	1.5	3.2	.1	.4	.1						5.8	8.6
SW	.9	2.8	2.3	.5								6.6	6.6
WSW	.7	3.2	3.2		.1							7.3	6.6
W	.3	3.4	4.3	1.9	.5	.1						10.5	8.7
WNW	.7	2.3	4.4	.8								8.2	7.5
NW	.8	2.2	3.6	.5								7.1	6.8
NNW	.5	4.3	2.4	.5								7.8	6.5
VARBL													
CALM												11.8	
	5.6	33.3	36.8	10.2	1.7	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

95730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.4	4.6	2.3	.1							9.4	8.6
NNE	.3	.9	3.0	2.6	.3							7.0	9.8
NE		.9	1.2	1.6	.1							3.8	9.8
ENE		.5	1.6	.9		.1						3.2	9.9
E	.1	1.1	2.3	1.2	.1	.1						5.0	9.5
ESE		1.3	1.2		.3		.1					3.0	8.7
SE		.5	1.1	.9								2.6	9.4
SSE	.3	.7	1.6	.9	.3		.1					3.9	10.0
S	.1	.8	1.1	1.3	.1							3.5	9.6
SSW	.1	1.1	1.7	2.3	.1							5.4	10.0
SW		1.7	2.0	2.0	.9							6.7	10.4
WSW		1.1	2.4	2.8	.4							6.7	10.2
W	.3	1.7	4.8	2.7	1.5							11.0	10.5
WNW		1.5	3.5	5.0	.3	.3						10.5	10.8
NW	.4	1.3	1.6	3.5	.7	.1						7.7	10.4
NNW		1.9	2.6	3.1	.4							7.9	10.1
VARBL													
CALM												2.8	
	1.6	19.5	36.3	33.2	5.6	.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.6	1.2								4.8	9.0
NNE		.9	1.3	.5	.3							3.1	9.3
NE		.3	1.1	1.9								3.2	11.1
ENE		.3	1.3	2.6	.1							4.3	11.1
E		.7	2.6	1.3								4.6	9.3
ESE	.1	.5	1.7	.7	.1							3.2	8.7
SE	.3	1.9	3.6	1.3								7.1	8.5
SSE	.1	.7	2.0	1.1	.3							4.2	9.8
S	.1	.7	3.6	3.2		.1						7.8	10.3
SSW		.8	1.9	2.3	.3	.3						5.5	11.2
SW		.5	2.4	2.0	.5	.3						5.8	11.7
WSW		1.1	2.2	3.5	.3							7.0	10.7
W		1.5	4.7	5.1	2.2							13.4	11.7
WNW	.1	1.5	3.6	5.5	.8	.1						11.7	11.0
NW		1.6	2.6	3.2	.8							8.2	10.7
NNW		.9	2.0	1.6	.4							5.0	10.2
VARBL													
CALM												1.1	
	.9	14.8	39.2	37.1	6.0	.8						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.7	1.2								3.8	9.0
NNE	.1	.3	.9	.3								1.6	8.4
NE		.5	.3	.8	.3							1.9	11.1
ENE	.1	1.2	2.2	1.6								5.1	8.8
E	.3	1.3	4.0	1.2								6.9	8.4
ESE		.9	2.8	.5	.4	.1						4.8	9.3
SE		1.1	2.8	.1								4.0	7.7
SSE		1.1	3.0	.8	.1							5.0	8.7
S	.1	1.1	8.1	3.1	.3							12.6	9.5
SSW	.1	.7	1.7	2.0	.4	.1						5.1	11.4
SW		1.3	1.9	1.3	.1							4.7	8.4
WSW	.1	1.2	2.2	2.3	.1							5.9	9.5
W	.1	3.0	5.9	4.3	1.1							14.4	10.0
WNW		.9	3.4	3.9	.4							8.6	10.7
NW	.4	.8	3.0	3.9	.4							8.5	10.3
NNW		.8	3.2	1.9	.1							6.0	9.6
VARBL													
CALM												1.1	
	1.6	16.9	47.0	29.3	3.8	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 ATLANTIC CITY NJ 73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.7	1.5	1.3	.4								3.9	7.0
NNE		1.3	.9	.1								2.4	6.6
NE	.4	.7	.3	.9								2.3	7.8
ENE	.4	1.5	.8	.9								3.6	7.5
E	.5	4.6	1.3	1.9								8.3	6.8
ESE		1.5	.3	.1	.1							2.0	6.7
SE	.3	2.2	.4	.4								3.2	6.4
SSE		1.1	.8	.3	.1							2.3	7.7
S	.5	2.8	3.4	1.1								7.8	7.2
SSW	.5	4.3	3.4	1.6								9.8	7.3
SW	1.2	2.6	2.2	.3								6.2	5.8
WSW	.3	3.4	2.7	.1	.3							6.7	7.0
W	.5	5.1	5.0	1.7	.4							12.8	7.5
WNW	.5	2.0	3.5	.3								6.3	6.9
NW	.7	1.1	3.4	.8								5.9	7.6
NNW	.5	3.1	1.7	1.2								6.6	6.9
VARBL													
CALM												9.8	
	7.1	38.6	31.3	12.2	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS OCT MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5	3.0	1.1								7.5	7.1
NNE	.1	1.5	1.1	.1								2.8	6.6
NE		.5	1.2	.8								2.6	9.0
ENE		.9	.3	.4								1.6	7.2
E	.4	2.0	1.5	1.1	.1							5.1	7.8
ESE	.3	.8	.5	.1								1.7	6.3
SE	.1	1.9	.5									2.6	5.4
SSE	.1	1.3	.5									2.0	6.0
S	.1	1.9	1.5	.4								3.9	7.0
SSW	.7	2.8	2.6	1.3	.1	.1						7.7	7.8
SW	1.3	4.4	2.3	.8		.1						9.0	6.3
WSW	1.1	3.2	3.6	.3	.4							8.6	6.9
W	.9	3.1	5.4	1.3	.1							10.9	7.5
WNW	.9	2.2	1.9	.3								5.2	6.2
NW	.7	2.4	3.1	.7								6.9	6.9
NNW	.9	2.8	2.4	.8								7.0	6.7
VARBL													
CALM												14.8	
	7.8	35.4	31.4	9.6	.8	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 OCT MONTH
CLASS ALL WEATHER ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.0	3.0	1.2	.0							7.5	7.6
NNE	.1	1.2	1.9	.6	.1							4.0	8.0
NE	.1	.7	.9	1.0	.1							2.7	9.2
ENE	.1	.9	1.0	1.0	.0	.0						3.1	8.8
E	.3	1.6	1.9	1.1	.1	.1						4.9	8.4
ESE	.1	.8	1.0	.2	.1	.0	.0					2.2	7.9
SE	.1	1.2	1.3	.4								3.1	7.5
SSE	.2	1.0	1.2	.5	.1		.0					3.0	8.4
S	.2	1.5	2.6	1.3	.1	.0						5.8	8.6
SSW	.4	2.1	2.4	1.4	.2	.1						6.5	8.5
SW	.6	2.5	2.0	1.0	.2	.1						6.3	7.6
WSW	.4	2.5	2.7	1.3	.3							7.2	8.0
W	.4	3.2	5.1	2.5	.8	.0						12.0	9.1
WNW	.4	2.0	3.1	2.1	.2	.1						7.7	8.8
NW	.5	2.1	2.8	1.6	.2	.0						7.3	8.3
NNW	.4	3.0	2.4	1.2	.1							7.1	7.5
VARBL													
CALM												9.7	
	4.5	29.2	35.3	18.3	2.6	.3	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.9	2.5									5.7	6.2
NNE	.3	2.1	1.5									3.9	6.0
NE	.1	.4	.3	.4								1.2	8.4
ENE	.6	1.0	.3	.6								2.4	7.1
E	.1	1.1	.3	1.7								3.2	9.0
ESE		.3	.3									.6	7.0
SE		.4	.3	.1								.8	7.7
SSE	.3	.7	1.1	.4								2.5	7.8
S	.1	1.8	2.1	1.2								5.3	8.2
SSW	.1	2.2	2.9	2.6	.1							8.1	9.0
SW		4.2	3.3	.3								7.8	6.5
WSW	.4	2.5	4.2	1.1	.3							8.5	8.1
W	.6	3.7	4.9	2.2	.7							12.1	8.5
WNW	.4	3.2	3.3	1.8								8.7	7.8
NW	.6	4.4	3.2	2.5	.6	.1						11.4	6.7
NNW	.4	2.4	2.8	1.1								6.7	7.5
VARBL													
CALM												11.2	
	4.3	33.3	33.2	16.1	1.7	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ 73-80 YEARS NOV MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.9	3.9									7.2	6.2
NNE		1.7	1.5									3.2	6.7
NE	.1	.7	.6	.6								1.9	8.2
ENE	.1	.4	1.0	.4								1.9	8.2
E	.1	1.4	.6	1.2								3.3	8.5
ESE	.3	.4	.3									1.0	5.6
SE		.6	1.0									1.5	6.6
SSE	.1	.8	.6	.6								2.1	8.5
S	.1	1.7	1.9	.8								4.6	7.7
SSW		2.9	3.3	1.8								8.1	8.1
SW	.6	3.5	1.8	.8	.1							6.8	7.0
WSW	.3	3.6	4.3	.8								9.0	7.1
W	.8	1.8	6.9	3.6	.3							13.5	9.0
WNW	.7	2.6	5.3	1.4	.1	.1						10.3	7.9
NW	.6	3.2	2.5	1.7	.3	.1						8.3	8.2
NNW	.7	3.2	2.8	1.1	.1							7.9	7.1
VARBL													
CALM												9.3	
	5.0	31.4	38.2	14.9	1.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ

STATION NAME

73-80

YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.2	3.7	.4								5.5	6.7
NNE	.3	2.8	1.9	.1								5.1	6.2
NE	.1	.4	.7	1.1	.1							2.5	9.8
ENE	.1	.4	.6	.3								1.4	7.5
E	1.0	1.1	.6	1.5	.1							4.3	8.3
ESE	.1	.3	.7									1.1	7.6
SE		.8	.1	.1								1.1	6.5
SSE	.1	.8	.4	.6								1.9	8.3
S	.4	1.1	1.7	1.2								4.4	8.4
SSW	.3	1.1	3.1	1.7								6.1	8.5
SW	.1	3.2	2.9	.7	.1							7.1	7.4
WSW	.1	2.5	5.7	.7	.4							9.4	8.0
W	.4	4.0	6.9	3.2		.1						14.7	6.5
WNW	.4	1.9	3.7	1.7	.3	.1						8.2	8.9
NW	.4	2.1	2.6	.8	1.0							6.9	9.1
NNW	.6	2.4	3.3	1.5								7.8	9.1
VARBL													
CALM												9.3	
	4.7	29.2	38.7	15.7	2.1	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	4.3	.8	.4							5.5	9.0
NNE		1.4	4.6	.6								6.5	8.1
NE	.1	.6	1.5	.4								2.6	8.3
ENE	.3	.7	1.0	.7								2.6	8.1
E	.1	.8	1.1	2.1	.1		.3					4.6	11.8
ESE	.1	.1	1.0	.1								1.4	7.9
SE	.1	.4	1.1	.3								1.9	7.5
SSE	.1	.4	1.2	.7	.3	.1						2.9	10.7
S	.3	1.2	1.4	1.9	.3							5.1	9.6
SSW		.8	2.6	2.4	.7							6.5	10.8
SW		.4	1.9	2.4	.1	.1						5.0	10.8
WSW		1.4	2.6	2.2	1.1							7.4	10.7
W	.4	1.9	4.3	6.1	1.9	.6						15.3	11.7
WNW	.1	.8	3.7	4.2	1.7	.6						11.1	12.4
NW	.3	1.4	2.4	4.2	1.7	.6						10.4	12.3
NNW		1.0	2.9	3.3	.7	.1						8.1	10.9
VARBL													
CALM												1.9	
	2.1	14.4	37.8	32.4	9.0	2.1	.3					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.8	.6	.1							4.4	7.6
NNE		.3	2.2	.6								3.1	3.8
NE		.6	.8	1.1								2.5	9.6
ENE		.3	1.7	.6		.3						2.8	10.7
E	.1	1.0	4.2	1.8		.1						7.2	9.4
ESE		.1	.8	.3								1.2	9.0
SE		1.2	1.0	.6								2.8	7.8
SSE	.1	.8	1.7	.6		.1						3.3	9.1
S	.1	.6	2.2	2.4	.7	.1						6.1	11.1
SSW		1.0	1.8	2.4	1.1							6.2	11.6
SW	.3	1.1	1.5	2.5	.3	.1						5.8	10.5
WSW		1.1	2.5	3.1	1.4	.1						3.2	11.9
W	.1	1.5	3.3	7.2	2.8	.7	.1					15.8	13.5
WNW		1.4	1.9	4.3	1.4	.7						9.7	13.1
NW		.7	2.4	7.1	2.1	.3						12.5	13.1
NNW		.4	2.4	3.1	1.2							7.1	12.2
VARBL													
CALM												1.1	
	1.1	13.7	32.2	37.9	11.1	2.6	.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.0	.4								1.5	9.5
NNE	.3	1.0	1.9	.1								3.3	7.2
NE	.1	.6	1.4	.3								2.4	7.9
ENE		.8	1.5	.4								2.8	8.1
E	.1	2.1	5.7	.8								6.8	8.0
ESE		.6	1.5	.7								2.8	8.7
SE		.6	.7	.7								1.9	9.0
SSE		1.1	2.1	1.1	.4							4.7	9.6
S		1.5	5.6	3.2	.4	.1						10.8	9.9
SSW	.4	1.0	2.4	2.1	.3							6.1	9.9
SW		1.2	1.5	2.4	.3							5.4	10.7
WSW	.1	1.7	1.5	2.2		.3						5.8	9.7
W	.1	2.2	6.0	4.6	1.4	.3	.1					14.7	10.8
WNW	.1	1.1	3.7	5.1	1.7							11.8	11.5
NW	.3	1.5	4.0	4.2	1.1	.3						11.4	11.1
NNW		.7	3.3	2.2	.1							6.4	9.9
VARBL													
CALM												1.2	
	1.7	17.8	41.9	30.6	5.7	1.0	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS NOV MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	1.9	.3	.1							4.3	7.3
NNE	.1	1.2	1.9	.1								3.5	7.0
NE	.1	1.1	1.0	.7								2.9	6.1
ENE		1.0	.3	.7	.3							2.2	9.3
E	.1	2.9	.8	.8								4.7	6.4
ESE		1.5										1.5	5.1
SE		1.4	.6	.4								2.4	7.2
SSE	.1	1.0	1.0	1.4								3.5	8.9
S		2.6	2.5	2.8	.3							8.2	8.9
SSW	.6	5.3	3.7	2.1		.1						11.8	7.6
SW	.3	3.5	1.8	.1								5.7	5.9
WSW	.4	3.9	2.5	.4								7.2	6.4
W	.4	3.7	5.0	2.8	.7	.1						12.8	8.9
WNW		3.3	2.6	2.6	.4							9.0	9.0
NW	.6	2.2	4.3	1.5	.1							6.7	8.4
NNW	.6	2.5	1.9	1.2	.1							6.4	7.6
VARBL													
CALM												5.1	
	3.7	38.7	31.9	18.1	2.1	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733 STATION ATLANTIC CITY NJ 73-80 YEARS NCV MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.2	.3								4.6	6.9
NNE	.3	2.6	1.8	.1								4.9	6.3
NE		1.1	.1	.1								1.4	6.3
ENE	.1	.4	.6	.7								1.8	9.2
E	.6	.7	.6	1.5	.3							3.6	9.8
ESE	.1	.1	.8	.1								1.2	7.7
SE	.3	.4	.4	.3								1.4	6.8
SSE		.3	1.5	.4	.3							2.5	9.8
S	.1	2.4	2.5	1.1								6.1	8.0
SSW	.1	2.9	4.0	1.8	.4							9.3	8.8
SW	.4	3.3	1.2	1.0	.4							6.4	7.5
WSW	1.0	3.7	3.3	.3								8.3	6.1
W		4.4	5.4	1.7	.6	.1						12.2	8.1
WNW	.3	2.6	3.3	2.6	.3							9.2	8.9
NW	.4	2.5	4.2	3.1								15.1	8.9
NNW	.6	3.6	1.9	.8								6.9	6.6
VARBL													
CALM												10.0	
	4.7	32.9	34.0	16.0	2.2	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	2.7	.3	.1							5.3	7.2
NNE	.2	1.6	2.2	.2								4.2	7.0
NE	.1	.7	.8	.6	.0							2.2	6.5
ENE	.2	.6	.9	.5	.0	.0						2.2	6.6
E	.3	1.4	1.5	1.4	.1	.0	.0					4.7	8.9
ESE	.1	.4	.7	.2								1.4	7.5
SE	.1	.7	.6	.3								1.7	7.5
SSE	.1	.7	1.2	.7	.1	.0						2.9	9.2
S	.2	1.6	2.5	1.8	.2	.0						6.3	9.1
SSW	.2	2.2	3.0	2.1	.3	.0						7.8	9.1
SW	.2	2.6	2.0	1.3	.2	.0						6.2	8.1
WSW	.3	2.6	3.3	1.4	.4	.1						9.0	8.4
W	.4	2.9	5.3	3.9	1.0	.2	.0					13.9	10.0
WNW	.3	2.1	3.5	3.0	.7	.2						9.8	10.1
NW	.4	2.3	3.2	3.1	.9	.2						10.0	10.2
NNW	.3	2.0	2.7	1.8	.3	.0						7.2	6.8
VARBL													
CALM												6.2	
	3.4	26.4	36.0	22.7	4.4	.9	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.5	3.0	1.1								3.1	6.9
NNE	.4	1.2	1.2									2.8	6.2
NE	.3	.7		.5	.1							1.6	8.8
ENE	.4	.4	1.2		.4	.4						2.8	11.0
E	.5	.3	1.1	1.1								3.0	9.9
ESE	.1	.4	.4	.3								1.2	7.6
SE	.1	.3	.1									.5	5.3
SSE	.1	.5	.3	.8	.3							2.0	10.9
S	.3	1.6	1.2	1.6	.5	.3						5.5	10.6
SSW	.1	3.0	3.1	.8	.3							7.3	7.9
SW	.5	1.6	3.1	.9	.3							6.5	8.1
WSW		2.4	2.7	.9	.1							6.2	8.3
W		2.4	5.4	4.3	.8	.1						13.0	10.2
WNW	.9	2.6	4.8	3.6	1.1	.1						13.2	9.6
NW	.5	1.9	2.7	1.5	.4							7.3	8.5
NNW	.3	3.2	2.6	1.2	.4							7.7	8.0
VARBL													
CALM												11.7	
	5.2	25.9	32.8	18.7	4.7	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	2.4	.8								7.1	6.6
NNE	.4	2.4	3.0	.4	.3							6.5	7.7
NE	.8	.7	.5	.4	.3							2.7	7.5
ENE	.3	.5	.3	.7	.1	.1						2.0	9.9
E	.1	.5	.3	.9	.1							2.0	9.4
ESE	.4	.1		.1	.1							.8	7.5
SE	.1	.3	.1	.4								.9	8.3
SSE		.8	.1	.9								1.9	9.6
S	.3	1.3	.8	1.3	.1							3.9	8.6
SSW	.4	2.7	1.6	2.2	.3							7.1	8.7
SW		1.5	2.4	.4	.3							4.6	8.1
WSW	.5	2.7	3.8	.3		.3						7.5	7.4
W	.3	3.6	5.4	5.4	1.2							15.9	9.6
WNW	.3	3.0	4.3	2.7	1.1	.5						11.8	10.3
NW	.7	1.6	2.4	2.4	.5							7.7	9.1
NNW	.8	3.4	3.0	.9	.3							8.3	7.5
VARB													
CALM												9.3	
	6.2	28.2	30.4	20.3	4.7	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23734 STATION ATLANTIC CITY NJ 73-80 YEARS DEC MONTH
ALL WEATHER CLASS 3600-3800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	3.4	.9	.4							9.3	7.1
NNE	.4	3.0	1.6	.5	.1							5.6	6.7
NE	.4	1.1	.9	.3								2.7	6.4
ENE	.1	.4	.1	.9	.4	.3						2.3	13.0
E	.3	.9	.4	.3	.1							2.0	7.2
ESE	.4	.1	.1		.1							.8	6.5
SE	.3	.8		.8	.1							2.0	8.9
SSE		.4	.4	.7								1.5	9.6
S	.1	1.1	1.2	.4	.3							3.1	8.4
SSW	.3	2.0	3.1	2.2	.1							7.7	8.5
SW	.1	1.2	3.6	1.2	.1							6.3	8.6
WSW	.3	1.6	3.1									5.0	6.8
W	.4	2.7	4.3	4.8	.7	.5						13.4	10.4
WNW	.1	1.7	3.4	4.6	.8	.1						10.8	10.8
NW	.3	2.6	3.5	1.6	.9							8.9	9.0
NNW	.4	3.1	2.8	.9								7.3	6.9
VARBL													
CALM												11.4	
	5.1	26.1	32.0	20.2	4.3	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 73-80 YEARS DEC
STATION NAME MONTH
ALL WEATHER CLASS 0900-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	4.0	1.5	.1							8.2	8.2
NNE	.5	1.3	2.6	.8	.1							5.4	8.0
NE		1.3	.8	1.1								3.2	8.7
ENE	.1	.5	.3	.4	.4	.1						1.9	11.4
E		1.2	1.2	.9	.4							3.8	10.0
ESE		.8	.8	.1	.1							1.9	7.9
SE	.1	.3		.5								.9	9.1
SSE	.1	.7	.3	.8	.1	.3						2.3	11.5
S	.1	.5	1.5	1.7			.1					4.0	10.4
SSW		1.2	2.2	3.5	.4							7.3	11.0
SW		1.6	2.4	2.7	.7							7.4	10.4
WSW	.1	1.2	2.8	1.3	.1	.1						5.8	9.5
W		1.5	5.0	4.7	1.3	1.2						13.7	12.3
WNW	.4	1.1	2.6	3.9	2.6	.3	.3					11.0	13.0
NW	.3	.8	2.8	5.2	1.7	.5						11.4	12.8
NNW	.1	.7	2.8	3.6	.9	.1						8.3	11.9
VARBL													
CALM												3.5	
	2.2	17.2	32.0	32.9	9.1	2.7	.4					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.5	.9								3.4	8.5
NNE	.1	1.1	1.3	1.7								4.3	9.9
NE	.1	.5	1.7	1.1								3.5	9.4
ENE		.7	.1	.1	.1	.3						1.3	12.3
E		1.1	1.6	1.1	.3							4.0	8.9
ESE		.3	1.7									2.0	7.5
SE	.1	.4	.9	.3	.3							2.0	9.3
SSE	.1	1.1	.9	.4	.1							2.7	8.0
S		.3	2.2	3.8	1.1							7.3	12.4
SSW		.5	1.7	3.6	.5							6.5	11.8
SW	.1	.4	1.6	2.7	1.1	.1						6.0	12.6
WSW		.7	1.9	2.2	.1							4.8	10.3
W		1.3	5.0	5.6	.9	.8	.3					14.0	12.3
WNW		1.1	2.6	5.9	2.8	1.6						14.0	14.4
NW		.7	3.0	6.6	2.8	.4						13.4	13.6
NNW		1.7	2.0	3.6	1.2	.5						9.1	12.3
VARBL													
CALM												1.6	
	.7	12.8	29.8	39.7	11.4	3.8	.3					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS
ALL WEATHER CLASS
CONDITION
DEC MONTH
1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	2.4	.7								5.5	7.4
NNE		.1	1.3	.7								2.2	9.4
NE	.3	.9	1.1	.1	.3							2.7	7.7
ENE		.8	1.1	.1	.4	.1						2.6	10.1
E		2.2	1.5	1.2	.1	.1						5.1	8.3
ESE		1.5	1.1									2.6	6.3
SE	.1	.9	1.1	.1								2.3	6.7
SSE	.3	.7	1.1	.4	.1							2.6	7.7
S		1.2	4.2	3.2	.5	.3						9.4	10.5
SSW		.7	3.4	3.9	.1							3.1	10.9
SW		1.3	1.2	2.0	.4							5.0	10.2
WSW		.8	1.6	1.2	.1							3.8	9.6
W		1.5	5.4	5.1	.8	.8	.1					13.7	11.5
WNW	.1	1.3	4.2	5.4	2.2	.8						14.0	12.5
NW	.1	1.7	3.2	4.6	1.2	.1						11.0	11.3
NNW	.1	1.6	2.6	3.2	.5							8.1	10.3
VARBL													
CALM												1.6	
	1.5	19.4	36.3	32.0	6.9	2.3	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS MONTH DEC 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	2.7	.9								5.4	8.3
NNE	.1	1.3	1.7	.4								3.6	7.5
NE	.4	1.6	.9									3.0	5.7
ENE	.5	.7	.1	.4		.3						2.0	8.6
E	.1	1.2	.5	.8	.1	.5	.1					3.5	11.3
ESE	.3	.7	.8	.1								1.9	6.4
SE		.8	.5	.1								1.5	7.3
SSE	.3	.9	.9	.5	.3							3.0	8.7
S	.4	2.6	2.7	2.0	.4							8.1	8.8
SSW	.4	2.6	3.8	2.6	.7	.1						10.1	9.5
SW	.4	1.9	1.9	.4	.3							4.8	7.4
WSW	.1	2.0	2.0	.4	.1							4.7	7.6
W	.3	4.8	5.2	3.2	.5	.3	.1					14.5	9.2
WNW	.3	2.4	4.0	1.9	1.2	.5	.1					10.5	10.5
NW	.7	2.8	2.6	2.0	.7							8.7	8.6
NNW	.5	1.9	1.9	2.2	.3							6.7	9.1
VARBL													
CALM												8.1	
	5.0	29.8	32.4	18.0	4.6	1.7	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

97730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	3.0	1.2								6.2	7.8
NNE	.1	1.5	1.7									3.4	6.5
NE		.7	.5	.1	.1							1.5	7.8
ENE	.5	.7	.7	.7	.3	.3						3.1	10.4
E	.1	.9	.7	.5	.4	.3						3.0	10.6
ESE	.4	.8	.1	.1								1.5	5.2
SE		.8			.3							1.1	8.0
SSE	.8	.7	.3	1.1	.1							3.0	8.2
S	.4	1.9	1.1	1.1	.3	.7						5.4	9.9
SSW	.3	2.6	3.5	2.0		.1						8.5	8.6
SW	.1	2.2	3.2	1.6	.1							7.3	8.5
WSW	.3	1.7	1.9	.7	.3							4.8	7.9
W	.7	3.8	4.4	3.4	.9	.4						13.6	9.8
WNW	.3	2.4	3.1	2.4	.7	.7						9.5	10.5
NW	.5	3.8	2.6	2.2	.7							9.7	8.6
NNW	.7	2.0	1.6	1.6	.1							6.0	8.1
VARBL													
CALM												12.6	
	5.6	28.0	29.4	18.7	4.3	2.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	2.8	1.0	.1							6.6	7.5
NNE	.3	1.5	1.8	.6	.1							4.2	7.7
NE	.3	.9	.8	.5	.1							2.6	7.7
ENE	.3	.6	.5	.4	.3	.2						2.3	10.8
E	.2	1.0	.9	.9	.2	.1	.0					3.3	9.4
ESE	.2	.6	.6	.1	.1							1.6	6.8
SE	.1	.6	.4	.3	.1							1.4	8.0
SSE	.2	.7	.5	.7	.1	.0						2.4	9.1
S	.2	1.3	1.8	1.9	.4	.2	.0					5.8	10.2
SSW	.2	1.9	2.8	2.6	.3	.0						7.8	9.6
SW	.2	1.5	2.4	1.5	.4	.0						6.0	9.3
WSW	.2	1.6	2.5	.9	.1	.1						5.3	8.3
W	.2	2.7	5.0	4.6	.9	.5	.1					14.0	10.6
WNW	.3	1.9	3.6	3.8	1.5	.6	.1					11.8	11.5
NW	.4	2.0	2.8	3.3	1.1	.1						9.7	10.5
NNW	.4	2.2	2.4	2.2	.5	.1						7.7	9.4
VARBL													
CALM												7.5	
	3.9	23.4	31.8	25.1	6.2	2.0	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 73-81 YEARS ALL MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	2.6	.9	.1	.0						6.0	7.7
NNE	.2	1.4	1.4	.5	.1	.0						3.6	7.5
NE	.1	.9	.9	.6	.1	.0						2.6	8.4
ENE	.1	.7	.9	.7	.1	.0	.0					2.7	9.3
E	.2	1.5	1.9	1.1	.1	.0	.0					5.0	8.5
ESE	.1	.9	1.1	.4	.0	.0	.0					2.4	8.1
SE	.1	1.0	1.2	.4	.1	.0						2.8	8.0
SSE	.1	1.2	1.6	1.0	.1	.0	.0	.0				4.1	8.8
S	.2	1.9	3.3	2.9	.5	.1	.0					8.9	9.9
SSW	.2	2.3	3.2	2.1	.4	.0	.0					8.3	9.0
SW	.2	2.2	2.2	1.1	.2	.0	.0					6.0	8.2
WSW	.2	2.1	2.4	1.1	.2	.0	.0					6.0	8.4
W	.3	2.7	4.5	2.9	.7	.2	.0	.0				11.4	9.7
WNW	.2	1.8	2.7	2.6	.8	.3	.0	.0				3.5	10.7
NW	.2	2.1	2.3	2.2	.8	.2	.0					7.8	10.1
NNW	.3	2.5	2.6	1.8	.3	.1	.0					7.5	8.7
VARBL													
CALM												6.5	
	2.9	27.3	35.0	22.5	4.6	1.1	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 70103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 62736 STATION NAME ATLANTIC CITY NJ YEARS 73-81 ALL MONTH
INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE. ALL
CLASS AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	4.1	2.1	.1	.0						3.9	8.6
NNE	.2	1.8	3.9	2.0	.2	.0						3.2	9.0
NE	.1	1.4	2.5	2.5	.4	.0						6.9	10.0
ENE	.1	1.4	2.3	2.2	.7	.3	.0					7.1	10.9
E	.2	2.1	3.6	3.1	.6	.1	.0					9.7	10.0
ESE	.1	.9	1.5	.8	.2	.0	.0					3.5	9.3
SE	.0	1.1	1.5	.9	.2	.1						3.9	9.6
SSE	.2	1.4	1.6	1.4	.4	.2	.0	.0				5.2	10.3
S	.1	1.6	2.9	3.7	.9	.4	.0					9.6	11.3
SSW	.1	1.6	2.7	2.4	.7	.2	.0					7.7	10.4
SW	.1	1.5	1.3	.8	.1	.0						3.8	8.2
WSW	.1	1.4	1.4	.6	.1	.0						3.6	8.1
W	.1	1.4	1.9	1.3	.4	.1	.0	.0				5.3	9.8
WNW	.1	1.0	1.3	.5	.1	.1		.0				3.1	8.7
NW	.1	1.3	1.1	.7	.2	.1						3.4	8.7
NNW	.1	1.9	2.1	1.1	.1	.1						5.4	8.3
VARBL													
CALM												4.5	
	2.1	24.2	35.5	26.1	5.7	1.8	.2	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 9503

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						100.0
0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	5/16	¼	≥0
NO CEILING	41.4	47.3	47.8	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 16000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	44.0	50.3	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	45.1	51.7	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	47.3	54.0	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	48.0	54.8	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	51.3	59.0	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 7000	53.0	60.6	61.3	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	54.2	61.8	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	55.6	64.0	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	58.2	66.9	67.7	68.7	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	60.6	69.5	70.3	71.2	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	61.3	70.6	71.4	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	63.4	74.1	74.9	75.8	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	64.2	75.3	76.1	77.2	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	66.1	77.7	78.5	79.6	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	66.4	78.4	79.2	80.2	80.9	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	67.1	79.6	80.6	81.7	82.4	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	67.3	80.6	81.5	82.7	83.3	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	67.5	81.0	81.9	83.2	83.9	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 900	67.5	81.0	81.9	83.2	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	67.5	81.0	81.9	83.2	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	68.0	81.7	82.5	84.5	85.6	85.9	85.9	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 600	68.0	82.1	82.9	85.2	86.6	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	68.0	82.5	83.6	85.9	87.2	87.9	88.2	88.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 400	68.0	82.9	84.4	86.8	89.1	89.9	90.6	91.3	91.3	92.5	92.6	92.6	93.0	93.0	93.0	93.0
≥ 300	68.0	83.6	85.1	87.5	90.1	91.1	92.3	93.0	93.0	94.5	94.9	94.9	95.3	95.3	95.3	95.3
≥ 200	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.5	93.5	95.7	96.1	96.1	96.6	96.9	97.2	97.2
≥ 100	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.7	93.7	96.2	96.9	96.9	97.6	97.8	98.3	99.1
≥ 0	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.7	93.7	96.2	96.9	96.9	97.6	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.4	48.0	49.0	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.9
≥ 20000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 18000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 16000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 14000	46.0	49.8	50.7	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.7
≥ 12000	46.6	50.5	51.4	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.4
≥ 10000	48.5	52.5	53.4	53.7	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
≥ 9500	49.5	53.6	54.5	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.5
≥ 8000	52.6	57.2	58.1	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.1
≥ 7000	54.6	59.2	60.2	60.4	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.4
≥ 6000	54.6	59.2	60.2	60.4	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.5
≥ 5000	55.9	61.1	62.0	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8
≥ 4500	58.5	64.1	65.0	65.8	66.5	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.4
≥ 4000	60.7	66.4	67.3	68.1	68.8	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7
≥ 3500	62.7	68.4	69.3	70.1	70.8	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7
≥ 3000	64.5	70.3	71.2	72.0	72.7	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.6
≥ 2500	65.9	71.9	72.8	73.6	74.4	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.4
≥ 2000	67.8	74.0	75.0	75.8	76.9	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.8
≥ 1800	68.1	74.4	75.4	76.2	77.3	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
≥ 1500	68.8	76.3	77.5	78.3	79.4	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3
≥ 1200	69.4	77.1	78.3	79.3	80.3	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.3
≥ 1000	70.0	78.1	79.5	80.5	81.7	81.8	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.8
≥ 900	70.0	78.7	80.2	81.3	82.5	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6
≥ 800	70.1	79.1	80.6	81.8	83.4	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.5
≥ 700	70.3	79.7	81.2	82.4	84.1	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2
≥ 600	70.5	80.3	82.4	83.6	85.5	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5
≥ 500	70.5	80.9	82.9	84.8	87.1	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 400	70.7	81.2	84.1	86.1	88.4	88.7	89.9	90.6	90.6	91.0	91.1	91.1	91.1	91.3	91.3	91.7
≥ 300	70.8	81.6	84.5	86.9	89.4	89.6	91.8	93.0	93.0	93.7	94.1	94.1	94.5	94.5	94.5	94.9
≥ 200	70.8	81.6	84.5	87.1	89.8	90.0	92.3	93.9	93.9	95.7	96.1	96.1	96.6	96.6	96.9	97.3
≥ 100	70.8	81.6	84.5	87.1	89.8	90.0	92.3	94.1	94.1	95.8	96.9	96.9	98.0	98.0	99.1	99.6
≥ 0	70.8	81.7	84.7	87.2	89.9	90.2	92.5	94.2	94.2	96.0	97.0	97.0	98.1	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.6	41.2	42.3	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2
≥ 20000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 18000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 16000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 14000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 12000	43.6	48.0	49.3	50.1	50.1	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
≥ 10000	45.9	50.6	51.8	52.6	52.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 9000	45.9	50.7	52.0	52.8	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 8000	48.9	54.2	55.5	56.3	56.3	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9
≥ 7000	50.6	56.1	57.5	58.5	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
≥ 6000	51.0	56.8	58.1	59.4	59.4	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0
≥ 5000	52.6	58.7	60.0	61.4	61.4	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 4500	55.9	62.4	63.8	65.1	65.1	65.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 4000	57.5	65.0	66.4	67.7	67.7	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9
≥ 3500	59.6	67.8	69.2	70.5	70.5	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.9
≥ 3000	61.6	70.5	71.9	73.5	73.5	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.8
≥ 2500	63.4	72.5	74.0	75.9	75.9	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.4
≥ 2000	64.3	73.8	75.2	77.3	77.3	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7
≥ 1800	64.5	74.0	75.5	77.5	77.5	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
≥ 1500	65.7	75.9	77.5	79.8	80.1	80.5	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.6
≥ 1200	65.9	76.3	78.1	80.6	80.9	81.3	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.6
≥ 1000	66.2	76.9	78.7	81.6	82.0	82.4	82.9	83.3	83.3	83.3	83.4	83.4	83.6	83.6	83.6	84.0
≥ 900	66.2	76.9	78.7	81.6	82.1	82.5	83.0	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.8	84.3
≥ 800	66.4	77.1	79.1	82.0	82.6	83.3	83.8	84.4	84.4	84.5	84.7	84.7	84.8	84.8	84.8	85.2
≥ 700	66.4	77.1	79.3	82.2	83.0	83.8	84.5	85.1	85.1	85.5	85.6	85.6	85.7	85.7	85.7	86.1
≥ 600	66.4	77.5	79.8	82.8	84.0	84.8	85.5	86.0	86.0	86.4	86.5	86.5	86.7	86.7	86.7	87.1
≥ 500	66.5	77.8	80.5	84.1	85.6	86.5	88.0	88.8	88.8	89.5	89.8	89.8	89.9	89.9	89.9	90.3
≥ 400	66.5	78.2	80.9	85.1	86.9	88.2	90.0	90.8	91.0	91.7	91.9	91.9	92.5	92.5	92.5	92.9
≥ 300	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	94.6	95.3	95.3	95.8	95.8	95.8	96.2
≥ 200	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.0	95.8	95.8	96.8	96.8	96.8	97.2
≥ 100	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.7	96.8	96.8	98.0	98.0	98.3	99.3
≥ 0	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.7	96.8	96.8	98.3	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	36.4	42.6	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	41.9	49.2	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.7	50.7	50.7
≥ 18000	41.9	49.2	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥ 16000	41.9	49.2	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥ 14000	42.1	49.7	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.5	51.5	51.5
≥ 12000	43.0	51.6	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.5	53.5	53.5
≥ 10000	47.0	55.6	56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.7	57.7	57.7
≥ 9000	47.4	56.3	57.3	57.7	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3
≥ 8000	50.4	59.7	60.6	61.0	61.2	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 7000	51.9	61.4	62.4	62.9	63.0	63.3	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7
≥ 6000	52.6	62.6	63.6	64.1	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9
≥ 5000	54.3	65.5	66.5	67.3	67.5	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 4500	55.1	66.9	68.1	69.0	69.2	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6
≥ 4000	56.0	68.3	69.6	70.4	71.0	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4
≥ 3500	57.0	69.5	70.8	71.6	72.2	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 3000	57.4	71.2	72.6	73.4	74.2	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.7	75.7	75.7
≥ 2500	60.1	75.3	77.3	79.0	80.0	80.9	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 2000	60.2	75.7	78.0	79.7	80.6	81.6	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 1800	60.6	76.5	78.8	80.5	81.5	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 1500	61.4	78.2	80.6	82.7	83.7	84.8	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6
≥ 1200	61.4	78.8	81.2	83.3	84.4	85.8	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 1000	61.4	79.2	82.0	84.3	85.3	86.8	87.5	87.6	87.6	87.8	87.8	87.8	87.8	88.0	88.0	88.0
≥ 900	61.4	79.4	82.3	84.8	85.9	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.6	88.6	88.6
≥ 800	61.4	79.6	82.4	84.9	86.0	87.5	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.8	88.8	88.8
≥ 700	61.4	79.7	82.5	85.2	86.4	88.0	88.8	89.1	89.1	89.5	89.5	89.5	89.5	89.9	89.9	90.1
≥ 600	61.4	79.7	82.5	85.2	86.4	88.0	89.4	89.7	89.7	90.1	90.1	90.1	90.1	90.6	90.6	90.7
≥ 500	61.6	80.2	83.1	86.0	87.4	89.2	90.6	91.4	91.5	91.9	92.2	92.2	92.2	92.9	92.9	93.0
≥ 400	61.6	80.2	83.1	86.2	87.8	90.5	91.8	92.9	93.0	93.4	94.0	94.0	94.0	94.9	94.9	95.2
≥ 300	61.6	80.2	83.1	86.4	88.7	91.8	93.4	94.8	94.9	95.4	96.1	96.1	96.1	97.2	97.3	97.6
≥ 200	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	97.7	99.1	99.2	99.5
≥ 100	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	97.7	99.3	99.5	99.7
≥ 0	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	97.7	99.3	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	37.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	45.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000	45.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000	45.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 14000	45.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	46.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 10000	48.7	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 9000	49.5	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 8000	51.1	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 7000	52.2	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 6000	52.5	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 5000	53.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4500	54.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	55.5	67.4	67.6	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	57.5	70.0	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3000	58.7	72.4	73.5	74.0	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 2500	60.0	75.6	77.3	77.9	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 2000	61.6	77.5	79.3	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1800	61.6	77.7	79.3	80.6	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1500	62.0	79.4	81.2	82.6	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 1200	62.2	80.2	82.1	83.6	84.5	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1000	62.3	80.9	83.2	85.3	86.3	86.9	87.2	87.3	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	62.3	81.0	83.4	85.6	87.1	87.6	88.0	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	62.3	81.0	83.7	85.9	87.3	88.0	88.4	88.6	88.6	88.8	89.0	89.0	89.1	89.1	89.1	89.1
IV 700	62.3	81.4	84.3	86.7	88.6	89.2	89.8	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4
IV 600	62.3	82.0	84.6	87.2	89.2	89.9	90.4	90.6	90.6	90.8	91.0	91.0	91.3	91.3	91.3	91.3
IV 500	62.3	82.0	84.9	87.6	89.9	91.3	92.5	92.7	92.7	93.3	93.4	93.4	93.7	93.7	93.7	93.7
IV 400	62.3	82.0	84.9	88.6	91.0	92.6	93.6	94.1	94.1	94.6	95.0	95.0	95.3	95.3	95.3	95.3
IV 300	62.3	82.0	84.9	88.6	91.3	93.3	95.2	96.2	96.2	96.9	97.3	97.3	97.8	97.8	98.3	98.3
IV 200	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.2	99.2	99.6	99.6
IV 100	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.2	99.2	99.7	99.9
IV 0	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	37.8	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	43.4	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000	43.4	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 16000	43.4	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 14000	44.2	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	45.7	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 10000	47.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
IV 9000	47.3	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV 8000	48.7	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 7000	50.0	59.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 6000	50.5	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 5000	52.0	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 4500	53.9	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	55.8	67.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 3500	58.5	71.0	72.2	72.2	72.4	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 3000	60.6	74.5	75.8	76.1	76.5	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 2500	61.8	77.8	79.3	80.0	80.4	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 2000	62.1	78.5	80.4	81.0	81.9	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1800	62.1	78.9	80.9	81.6	82.5	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1500	62.4	80.5	82.7	83.3	84.3	84.9	85.1	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	62.4	80.6	83.1	83.7	84.7	85.3	85.5	85.8	85.8	85.9	86.0	86.0	86.2	86.2	86.2	86.2
IV 1000	62.4	81.2	84.0	84.9	85.9	86.8	87.0	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
IV 900	62.4	81.3	84.5	85.5	86.6	87.5	87.9	88.2	88.2	88.3	88.6	88.6	88.7	88.7	88.7	88.7
IV 800	62.4	82.0	85.3	86.6	87.6	88.6	89.0	89.2	89.2	89.5	89.8	89.8	89.9	89.9	89.9	89.9
IV 700	62.4	82.3	85.6	87.0	88.4	89.5	89.9	90.2	90.2	90.5	90.7	90.7	90.9	90.9	90.9	90.9
IV 600	62.4	82.7	86.0	87.6	89.2	90.5	91.0	91.4	91.4	91.7	91.9	91.9	92.1	92.1	92.1	92.1
IV 500	62.4	82.8	86.3	87.9	89.9	91.7	92.3	92.7	92.7	93.1	93.8	93.8	94.0	94.0	94.0	94.0
IV 400	62.4	82.8	86.3	88.0	90.5	92.6	93.4	94.1	94.1	94.8	95.4	95.4	95.6	95.6	95.6	95.6
IV 300	62.4	82.8	86.3	88.0	91.3	94.0	94.8	95.8	95.8	97.3	98.0	98.0	98.1	98.1	98.1	98.1
IV 200	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.3	99.6	99.7	99.7
IV 100	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.5	99.7	99.9	100.0
IV 0	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.2	51.2	51.6	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6
≥ 20000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
≥ 18000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
≥ 16000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
≥ 14000	49.3	54.9	55.4	55.9	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.0
≥ 12000	50.4	56.5	57.0	57.5	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6
≥ 10000	51.6	58.0	58.5	59.0	59.3	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2
≥ 9000	51.6	58.0	58.5	59.0	59.3	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2
≥ 8000	52.5	59.7	60.2	60.8	61.1	61.5	61.6	61.6	61.6	61.9	61.9	61.9	61.9	62.0	62.0	62.3
≥ 7000	54.6	61.7	62.3	63.1	63.3	63.7	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.3	64.3	64.6
≥ 6000	55.4	62.7	63.2	64.0	64.3	64.7	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.5
≥ 5000	56.6	64.4	65.0	65.8	66.0	66.4	66.6	66.6	66.6	66.8	66.8	66.8	66.8	67.0	67.0	67.3
≥ 4500	57.4	66.7	67.3	68.1	68.5	68.9	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.5	69.5	69.8
≥ 4000	58.6	69.8	70.4	71.2	71.6	72.1	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.9	72.9	73.2
≥ 3500	59.0	70.6	71.2	72.0	72.5	73.2	73.5	73.5	73.5	73.9	73.9	73.9	74.0	74.0	74.0	74.3
≥ 3000	61.1	74.0	74.7	75.5	76.0	76.7	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.5	77.5	77.8
≥ 2500	62.1	76.4	77.1	77.9	78.4	79.1	79.5	79.5	79.5	79.9	79.9	79.9	79.9	80.1	80.1	80.3
≥ 2000	62.9	77.9	78.6	79.5	80.2	81.1	81.5	81.5	81.5	81.9	81.9	81.9	81.9	82.1	82.1	82.3
≥ 1800	63.2	78.4	79.1	80.1	80.7	81.7	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.6	82.6	82.9
≥ 1500	63.9	79.6	80.5	81.5	82.2	83.2	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.1	84.1	84.4
≥ 1200	63.9	79.6	80.5	81.7	82.3	83.3	83.8	83.8	83.8	84.2	84.2	84.2	84.2	84.4	84.4	84.6
≥ 1000	64.0	80.6	81.4	82.7	83.4	84.4	85.0	85.3	85.3	85.7	85.7	85.7	85.7	85.8	85.8	86.1
≥ 900	64.0	81.0	82.1	83.4	84.2	85.4	86.1	86.4	86.4	86.8	86.8	86.8	86.8	86.9	86.9	87.2
≥ 800	64.2	81.2	82.5	84.0	84.8	86.1	86.8	87.2	87.2	87.6	87.6	87.6	87.6	87.7	87.7	88.0
≥ 700	64.2	81.9	83.4	85.0	86.4	87.9	88.8	89.2	89.2	89.6	89.6	89.6	89.6	89.8	89.8	90.0
≥ 600	64.2	81.9	83.4	85.4	87.1	88.8	89.9	90.3	90.3	90.8	90.8	90.8	90.8	91.0	91.0	91.2
≥ 500	64.3	82.7	84.4	86.4	88.5	90.4	91.6	92.0	92.0	92.9	93.0	93.0	93.0	93.1	93.1	93.4
≥ 400	64.3	83.3	85.0	87.3	90.2	92.3	93.7	94.2	94.2	95.1	95.3	95.3	95.3	95.4	95.4	95.7
≥ 300	64.3	83.3	85.0	87.3	90.4	92.7	94.5	95.0	95.0	96.1	96.2	96.2	96.4	96.4	96.6	96.6
≥ 200	64.3	83.3	85.0	87.5	90.7	93.1	95.4	96.1	96.1	97.3	97.4	97.4	97.7	97.7	98.0	98.0
≥ 100	64.3	83.3	85.0	87.6	90.8	93.3	95.6	96.2	96.2	97.8	98.1	98.1	98.7	98.7	99.7	99.9
≥ 0	64.3	83.3	85.0	87.6	90.8	93.3	95.6	96.2	96.2	97.8	98.1	98.1	98.7	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	44.9	52.8	53.5	54.3	54.4	54.6	54.6	54.6	54.6	54.8	54.4	54.2	55.0	55.0	55.7	55.0
≥ 20000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 16000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 14000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 12000	47.8	56.6	57.4	58.2	58.5	58.6	58.6	58.6	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0
≥ 10000	49.1	58.7	59.5	60.3	60.6	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.4	61.4	61.6	61.6
≥ 9000	49.7	59.4	60.2	61.0	61.3	61.4	61.6	61.6	61.6	61.8	61.8	61.8	62.1	62.1	62.2	62.2
≥ 8000	51.7	62.2	63.0	64.0	64.2	64.4	64.5	64.5	64.5	64.8	64.8	64.8	65.1	65.1	65.2	65.2
≥ 7000	53.5	64.4	65.2	66.1	66.4	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.3	67.3
≥ 6000	54.0	64.9	65.7	66.7	66.9	67.1	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.9	67.9
≥ 5000	55.2	67.1	67.3	68.8	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.9	69.9	70.0	70.0
≥ 4500	56.7	69.8	70.6	71.5	71.8	71.9	72.0	72.0	72.0	72.3	72.3	72.3	72.6	72.6	72.7	72.7
≥ 4000	58.5	72.7	73.5	74.5	74.7	74.9	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5	75.7	75.7
≥ 3500	59.3	73.7	74.5	75.4	75.7	75.8	75.9	75.9	75.9	76.2	76.2	76.2	76.5	76.5	76.6	76.6
≥ 3000	61.8	77.4	78.4	79.4	79.7	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.8	80.8
≥ 2500	62.6	78.8	79.7	80.8	81.0	81.2	81.7	81.7	81.7	82.0	82.0	82.0	82.3	82.3	82.4	82.4
≥ 2000	63.4	80.0	80.9	82.0	82.3	82.4	82.9	82.9	82.9	83.2	83.2	83.2	83.5	83.5	83.6	83.6
≥ 1800	63.7	80.4	81.5	82.5	82.8	82.9	83.5	83.5	83.5	83.7	83.7	83.7	84.0	84.0	84.1	84.1
≥ 1500	64.4	81.5	82.5	83.6	83.9	84.1	84.7	84.7	84.7	84.9	84.9	84.9	85.2	85.2	85.3	85.3
≥ 1200	64.8	82.1	83.2	84.3	84.5	84.8	85.3	85.5	85.5	85.8	85.8	85.8	86.0	86.0	86.2	86.2
≥ 1000	65.1	82.5	83.6	84.9	85.5	86.0	86.6	86.8	86.8	87.2	87.2	87.2	87.5	87.5	87.6	87.6
≥ 900	65.1	82.5	83.6	85.1	85.6	86.2	86.7	87.0	87.0	87.4	87.4	87.4	87.6	87.6	87.8	87.8
≥ 800	65.1	82.9	84.0	85.5	86.0	86.6	87.2	87.5	87.5	87.9	87.9	87.9	88.2	88.2	88.3	88.3
≥ 700	65.2	83.2	84.3	85.8	86.3	86.8	87.5	87.9	87.9	88.7	88.7	88.7	89.0	89.0	89.1	89.1
≥ 600	65.2	83.3	84.5	86.0	86.6	87.1	87.8	88.2	88.2	89.2	89.2	89.2	89.5	89.5	89.7	89.7
≥ 500	65.2	83.6	84.9	86.7	87.6	88.3	89.0	89.7	89.7	91.5	91.7	91.7	91.9	91.9	92.1	92.1
≥ 400	65.2	84.0	85.5	87.2	88.8	90.2	91.1	91.8	91.8	93.8	94.0	94.0	94.2	94.2	94.4	94.4
≥ 300	65.2	84.1	85.6	87.4	89.4	90.7	91.8	92.5	92.5	94.8	94.9	94.9	95.2	95.2	95.3	95.3
≥ 200	65.2	84.3	85.8	87.5	89.8	91.1	92.7	93.8	93.8	96.2	96.4	96.4	96.6	96.6	96.9	96.9
≥ 100	65.2	84.3	85.8	87.6	89.9	91.3	93.3	94.4	94.4	96.9	97.3	97.3	98.1	98.1	98.8	99.5
≥ 0	65.2	84.3	85.9	87.6	89.9	91.3	93.3	94.4	94.4	96.9	97.3	97.3	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7	45.8	46.4	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1
IV ≥ 18000	44.8	50.7	51.4	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.3
IV ≥ 16000	44.8	50.8	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3
IV ≥ 14000	45.1	51.1	51.8	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.7
IV ≥ 12000	46.1	52.5	53.2	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
IV ≥ 10000	48.1	54.9	55.6	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6
IV ≥ 9000	48.6	55.5	56.2	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2
IV ≥ 8000	51.1	58.5	59.3	59.7	59.8	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.4
IV ≥ 7000	52.5	60.3	61.1	61.6	61.8	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.3
IV ≥ 6000	53.1	61.1	61.8	62.4	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1
IV ≥ 5000	54.5	63.2	64.0	64.7	64.8	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4
IV ≥ 4500	56.3	65.9	66.8	67.5	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.5
IV ≥ 4000	57.9	68.4	69.2	70.0	70.3	70.6	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
IV ≥ 3500	59.4	70.2	71.1	71.9	72.2	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1
IV ≥ 3000	61.2	73.0	74.1	75.0	75.4	75.8	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.3	76.4
IV ≥ 2500	62.5	75.4	76.7	77.8	78.3	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4
IV ≥ 2000	63.6	76.9	78.2	79.4	80.0	80.4	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1
IV ≥ 1800	63.8	77.3	78.7	79.9	80.5	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.7
IV ≥ 1500	64.5	78.9	80.4	81.7	82.4	82.9	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.7
IV ≥ 1200	64.7	79.4	81.0	82.4	83.1	83.7	84.0	84.2	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.6
IV ≥ 1000	64.9	80.0	81.8	83.4	84.2	84.9	85.3	85.5	85.5	85.7	85.8	85.8	85.8	85.9	85.9	86.0
IV ≥ 900	64.9	80.2	82.1	83.8	84.8	85.5	85.9	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.6
IV ≥ 800	64.9	80.5	82.4	84.2	85.3	86.0	86.4	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.3
IV ≥ 700	65.0	80.9	82.9	84.8	86.1	86.9	87.5	87.8	87.8	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV ≥ 600	65.0	81.2	83.3	85.4	86.8	87.7	88.3	88.7	88.7	89.1	89.1	89.1	89.3	89.3	89.4	89.5
IV ≥ 500	65.1	81.6	83.8	86.2	87.9	89.1	90.0	90.5	90.5	91.2	91.4	91.4	91.6	91.6	91.7	91.8
IV ≥ 400	65.1	81.8	84.3	86.9	89.1	90.6	91.8	92.5	92.5	93.4	93.7	93.7	94.0	94.0	94.1	94.2
IV ≥ 300	65.1	82.1	84.5	87.3	89.9	91.7	93.2	94.2	94.2	95.4	95.8	95.8	96.3	96.3	96.4	96.5
IV ≥ 200	65.1	82.1	84.6	87.4	90.2	92.1	93.9	95.1	95.1	96.6	97.1	97.1	97.7	97.8	98.1	98.2
IV ≥ 100	65.1	82.1	84.6	87.4	90.2	92.1	93.9	95.2	95.2	97.0	97.7	97.7	98.5	98.6	99.2	99.6
IV ≥ 0	65.1	82.1	84.6	87.5	90.3	92.1	94.0	95.2	95.2	97.0	97.7	97.7	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	54.7	59.4	60.0	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.1
≥ 20000	56.2	60.9	61.8	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 18000	56.6	61.4	62.2	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3
≥ 16000	56.6	61.4	62.2	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3
≥ 14000	56.9	61.5	62.4	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4
≥ 12000	57.5	62.2	63.1	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2
≥ 10000	58.8	64.3	65.2	65.5	65.5	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.4
≥ 9000	59.1	64.6	65.5	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.7
≥ 8000	60.6	66.4	67.3	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.4
≥ 7000	61.2	67.0	67.8	68.1	68.1	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	69.0
≥ 6000	61.5	67.6	68.4	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.8
≥ 5000	63.4	70.5	71.5	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.9
≥ 4500	65.5	74.2	75.2	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.5
≥ 4000	66.4	76.1	77.1	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.6
≥ 3500	66.8	77.0	78.2	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.8
≥ 3000	67.6	78.6	79.9	80.4	81.1	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.0
≥ 2500	67.8	79.2	80.7	81.1	82.0	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.9
≥ 2000	68.1	80.4	81.9	82.3	83.3	83.8	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.7
≥ 1800	68.4	80.7	82.2	82.7	83.8	84.2	84.5	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.3
≥ 1500	68.9	81.6	83.0	83.6	84.8	85.3	85.5	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.4
≥ 1200	69.2	82.4	83.9	84.5	85.8	86.3	86.6	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.6
≥ 1000	69.6	83.0	84.5	85.1	86.6	87.0	87.3	87.8	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.8
≥ 900	69.6	83.0	84.5	85.1	86.7	87.2	87.6	88.1	88.1	88.3	88.8	88.8	88.8	88.8	88.8	89.1
≥ 800	69.6	83.0	84.5	85.1	86.9	87.5	88.1	88.5	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.7
≥ 700	69.6	83.2	84.7	85.3	87.0	87.8	88.3	89.1	89.1	89.7	90.1	90.1	90.3	90.3	90.3	90.6
≥ 600	69.8	83.6	85.1	85.8	87.8	88.5	89.1	89.8	89.8	90.4	90.9	90.9	91.0	91.0	91.0	91.3
≥ 500	69.8	83.9	85.4	86.1	88.2	89.2	90.3	91.0	91.0	91.6	92.0	92.0	92.2	92.2	92.2	92.5
≥ 400	69.8	84.1	85.5	86.4	88.5	89.7	90.9	92.2	92.2	92.8	93.4	93.4	93.5	93.5	93.5	93.8
≥ 300	69.8	84.1	85.5	86.6	88.6	90.0	91.4	92.9	93.1	93.7	94.2	94.2	94.4	94.4	94.5	94.8
≥ 200	69.8	84.1	85.5	86.6	88.8	90.1	92.0	93.8	94.0	94.7	95.9	95.9	96.2	96.2	96.3	96.6
≥ 100	69.8	84.1	85.5	86.6	88.8	90.1	92.0	94.2	94.5	95.4	96.8	96.8	97.6	97.6	98.1	98.4
≥ 0	69.8	84.1	85.5	86.6	88.8	90.1	92.0	94.2	94.5	95.4	96.6	96.8	97.8	97.8	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS

674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FE-
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.7	55.3	55.6	56.4	56.6	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.5
≥ 20000	54.2	57.9	58.2	59.4	59.6	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.4
≥ 18000	54.4	58.1	58.4	59.6	59.7	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 16000	54.4	59.1	58.4	59.6	59.7	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 14000	54.7	58.4	58.7	59.9	60.0	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.9
≥ 12000	55.7	59.6	59.9	61.0	61.2	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.1
≥ 10000	57.0	61.8	62.1	63.3	63.4	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.3
≥ 9000	57.9	62.7	63.0	64.1	64.3	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.2
≥ 8000	59.1	64.6	64.9	66.1	66.2	66.7	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.1
≥ 7000	60.1	65.6	65.9	67.1	67.3	67.7	67.7	67.7	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1
≥ 6000	60.4	66.2	66.5	67.7	67.9	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.7
≥ 5000	62.7	68.9	69.2	70.4	70.5	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 4500	64.9	72.4	72.9	74.1	74.2	74.7	74.7	74.7	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.1
≥ 4000	66.5	74.8	75.4	76.6	76.7	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6
≥ 3500	68.0	76.6	77.3	78.5	78.7	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 3000	68.4	77.3	78.1	79.4	79.9	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.7
≥ 2500	69.2	78.1	79.8	80.1	80.9	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.9
≥ 2000	70.4	79.7	80.6	81.9	82.7	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.7
≥ 1800	71.0	80.3	81.2	82.5	83.3	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.3
≥ 1500	71.1	81.2	82.2	83.6	84.3	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1200	71.3	81.3	82.4	83.7	84.4	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.5	85.6
≥ 1000	71.3	81.8	82.8	84.1	84.9	85.3	85.6	86.1	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.7
≥ 900	71.3	82.1	83.3	84.6	85.3	85.8	86.1	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.1
≥ 800	71.3	82.2	83.4	84.7	85.6	86.1	86.4	86.8	86.8	87.1	87.1	87.1	87.6	87.6	87.6	87.7
≥ 700	71.4	82.8	84.0	85.3	86.2	86.7	87.0	87.6	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.4
≥ 600	71.4	82.8	84.0	85.5	86.5	87.0	87.3	87.9	87.9	88.1	88.1	88.1	88.7	88.7	88.7	88.9
≥ 500	71.7	83.6	84.7	86.5	88.0	88.7	89.3	89.9	89.9	90.2	90.2	90.2	91.0	91.0	91.0	91.1
≥ 400	71.7	84.1	85.8	88.1	89.6	90.4	92.0	92.7	92.7	93.0	93.0	93.0	93.8	93.8	93.9	94.1
≥ 300	71.7	84.3	85.9	88.4	89.9	90.7	92.4	93.2	93.2	93.6	93.6	93.6	94.5	94.5	94.7	94.6
≥ 200	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	94.8	94.8	96.3	96.3	96.4	96.6
≥ 100	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	95.0	95.0	96.9	96.9	97.8	98.1
≥ 0	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	95.0	95.0	97.0	97.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9273J

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	45.3	55.6	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.5	56.8	56.8	56.8	56.8	56.8	57.0
≥ 20000	48.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.2
≥ 18000	48.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.8	61.1	61.1	61.2	61.2	61.2	61.4
≥ 16000	49.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.8	61.1	61.1	61.2	61.2	61.2	61.4
≥ 14000	48.8	59.6	60.1	60.7	60.8	60.8	60.9	60.9	60.9	61.1	61.4	61.4	61.5	61.5	61.5	61.7
≥ 12000	49.4	60.5	61.1	61.7	61.8	61.8	62.3	62.3	62.3	62.4	62.7	62.7	62.9	62.9	62.9	63.0
≥ 10000	51.0	63.0	63.6	64.2	64.3	64.3	64.8	64.8	64.8	64.9	65.2	65.2	65.4	65.4	65.4	65.5
≥ 9000	51.2	63.2	63.8	64.3	64.5	64.5	65.1	65.1	65.1	65.2	65.5	65.5	65.7	65.7	65.7	65.8
≥ 8000	52.5	65.2	65.8	66.6	66.7	66.7	67.3	67.3	67.3	67.5	67.8	67.8	67.9	67.9	67.9	68.0
≥ 7000	53.6	66.6	67.2	67.9	68.0	68.0	68.6	68.6	68.6	68.8	69.1	69.1	69.2	69.2	69.2	69.4
≥ 6000	53.7	66.7	67.3	68.0	68.2	68.2	68.8	68.8	68.8	68.9	69.2	69.2	69.5	69.5	69.5	69.7
≥ 5000	54.7	68.0	68.8	69.7	69.8	69.8	70.4	70.4	70.4	70.6	71.0	71.0	71.3	71.3	71.4	71.6
≥ 4500	55.8	69.5	70.6	71.4	71.6	71.6	72.2	72.2	72.2	72.3	72.8	72.8	73.1	73.1	73.2	73.4
≥ 4000	57.1	71.9	72.9	74.0	74.3	74.3	74.9	74.9	74.9	75.0	75.4	75.4	75.7	75.7	75.9	76.0
≥ 3500	58.3	73.7	74.7	75.9	76.2	76.2	76.8	76.8	76.8	76.9	77.4	77.4	77.7	77.7	77.8	78.0
≥ 3000	58.6	75.1	76.3	77.5	77.8	77.8	78.6	78.6	78.6	78.7	79.1	79.1	79.4	79.4	79.6	79.7
≥ 2500	59.5	76.6	77.8	79.1	79.4	79.4	80.3	80.3	80.3	80.5	80.9	80.9	81.2	81.2	81.4	81.5
≥ 2000	59.9	77.7	78.8	80.2	80.5	80.6	81.7	81.7	81.7	81.8	82.2	82.2	82.5	82.5	83.0	83.1
≥ 1800	60.2	78.0	79.1	80.5	80.8	80.9	82.0	82.0	82.0	82.1	82.5	82.5	82.8	82.8	83.3	83.4
≥ 1500	60.7	78.6	79.7	81.2	81.5	81.7	82.7	82.7	82.7	82.8	83.3	83.3	83.6	83.6	84.0	84.2
≥ 1200	60.7	78.7	80.2	81.7	82.1	82.2	83.4	83.4	83.4	83.6	84.0	84.0	84.3	84.3	84.8	84.9
≥ 1000	60.9	79.0	80.5	82.2	82.7	82.8	84.0	84.0	84.0	84.2	84.6	84.6	84.9	84.9	85.4	85.5
≥ 900	60.9	79.1	80.8	82.5	83.1	83.3	84.5	84.5	84.5	84.6	85.1	85.1	85.4	85.4	85.8	85.9
≥ 800	60.9	79.3	80.9	82.8	83.4	83.6	84.8	84.8	84.8	84.9	85.4	85.4	85.7	85.7	86.1	86.2
≥ 700	60.9	79.6	81.5	83.9	84.9	85.1	86.2	86.2	86.2	86.4	86.9	86.8	87.1	87.1	87.6	87.7
≥ 600	60.9	79.7	82.0	84.5	85.7	85.8	87.0	87.0	87.0	87.3	87.7	87.7	88.0	88.0	88.5	88.6
≥ 500	60.9	79.9	82.7	85.8	87.1	87.7	89.1	89.2	89.2	89.8	90.4	90.4	90.7	91.0	91.4	91.6
≥ 400	60.9	80.2	83.1	86.4	88.2	88.9	90.4	91.0	91.0	91.7	92.5	92.5	92.8	93.0	93.5	93.6
≥ 300	60.9	80.3	83.3	86.8	88.8	89.6	91.3	91.9	91.9	92.8	93.5	93.5	93.8	94.1	94.5	94.7
≥ 200	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	95.4	95.9	96.4	96.7
≥ 100	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	95.9	96.6	97.2	98.2
≥ 0	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	96.3	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	47.7	62.0	62.8	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	47.9	62.2	62.9	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	48.0	62.3	63.1	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	48.0	62.3	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	48.7	63.5	64.5	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	50.1	65.7	66.8	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	50.4	66.5	67.5	67.7	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	52.6	70.2	71.2	71.6	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	53.2	71.0	72.2	72.7	72.7	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	53.3	71.3	72.5	73.0	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	54.4	73.3	74.6	75.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	55.2	75.2	76.5	77.1	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	55.5	75.9	77.5	78.1	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	56.3	76.8	78.4	79.3	79.3	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	56.6	77.4	79.0	80.4	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	57.9	78.9	80.5	81.8	81.8	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	58.2	79.5	81.1	82.7	82.7	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	58.3	79.8	81.4	83.0	83.0	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	58.6	80.1	81.7	83.5	83.5	84.2	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	58.6	80.1	81.7	83.5	83.5	84.2	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	58.8	80.5	82.1	83.9	84.0	84.8	85.1	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	58.8	80.5	82.3	84.3	84.9	85.7	86.0	86.1	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	58.8	80.6	82.6	84.6	85.7	86.4	86.7	86.9	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.7
≥ 700	58.8	80.9	83.0	85.4	86.3	87.1	87.4	87.6	87.6	88.0	88.3	88.3	88.5	88.5	88.5	88.5
≥ 600	58.8	81.1	83.3	86.0	86.9	88.0	88.3	88.5	88.5	88.9	89.2	89.2	89.4	89.4	89.4	89.4
≥ 500	58.8	81.2	83.8	86.3	87.1	88.6	89.1	89.5	89.5	90.1	90.5	90.5	90.7	90.7	90.7	90.7
≥ 400	58.8	81.2	83.8	86.7	87.9	89.8	90.3	91.0	91.0	91.9	92.5	92.5	92.6	92.6	92.6	92.6
≥ 300	58.8	81.2	83.9	87.0	88.3	90.3	90.8	91.9	92.0	94.1	94.8	94.8	95.3	95.3	95.3	95.3
≥ 200	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.3	96.3	96.9	96.9	96.9	97.2
≥ 100	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.6	96.6	97.9	97.9	98.2	99.1
≥ 0	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.6	96.6	97.9	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	53.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	54.4	66.0	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	56.0	68.1	68.2	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	56.0	68.1	68.2	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	58.2	71.2	71.3	71.3	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	59.2	73.0	73.4	73.4	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	59.2	73.0	73.4	73.4	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	60.0	74.7	75.2	75.3	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	60.7	75.9	76.4	76.5	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	62.3	77.8	78.4	78.6	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	62.9	79.0	79.6	79.8	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	64.1	80.6	81.2	81.5	81.8	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	64.5	82.1	82.7	83.0	83.3	83.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	64.5	82.6	83.2	83.5	83.8	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	64.7	82.7	83.3	83.6	83.9	84.3	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	64.8	83.5	84.0	84.8	85.2	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	65.0	84.0	84.9	85.8	86.4	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	65.0	84.9	86.0	86.9	87.7	88.2	88.3	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	65.0	84.9	86.0	87.0	88.0	88.6	88.8	88.9	88.9	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800	65.0	84.9	86.0	87.3	88.3	89.1	89.4	89.5	89.5	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 700	65.0	85.4	86.4	88.0	89.4	90.1	90.7	91.0	91.0	91.9	92.0	92.0	92.2	92.2	92.2	92.2
≥ 600	65.0	85.4	86.4	88.3	89.7	90.8	91.6	91.9	91.9	92.8	92.9	92.9	93.1	93.1	93.1	93.1
≥ 500	65.0	85.4	86.4	88.8	90.3	91.4	92.5	92.8	92.9	94.1	94.2	94.2	94.5	94.5	94.5	94.5
≥ 400	65.0	85.4	86.4	88.9	90.7	91.9	93.4	93.9	94.1	95.3	96.0	96.0	96.3	96.3	96.3	96.3
≥ 300	65.0	85.4	86.4	88.9	90.8	92.0	93.5	94.2	94.4	96.0	96.9	97.0	97.5	97.5	97.5	97.6
≥ 200	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	96.8	97.6	97.8	98.2	98.2	98.4	98.5
≥ 100	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	97.0	98.1	98.2	99.1	99.1	99.4	99.6
≥ 0	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	97.0	98.1	98.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	51.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 18000	51.7	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	51.7	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	51.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 12000	52.6	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	54.7	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 9000	54.8	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	56.0	69.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 7000	56.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 6000	57.5	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	57.8	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4500	59.7	75.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	60.6	77.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	61.0	78.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	62.2	79.8	80.8	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	62.6	80.5	81.7	82.4	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2000	63.1	81.5	82.7	83.6	84.0	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1800	63.2	81.7	82.9	83.8	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 1500	63.4	82.9	84.0	85.1	85.5	85.8	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	63.4	83.0	84.2	85.2	85.7	86.1	86.3	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	63.4	83.9	85.2	86.6	87.1	87.6	87.7	88.0	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6
IV 900	63.4	83.9	85.5	87.1	87.7	88.2	88.5	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4
IV 800	63.4	84.0	85.7	87.3	87.9	88.3	88.6	88.9	88.9	88.9	89.7	89.7	89.8	89.8	89.8	89.8
IV 700	63.4	84.3	86.1	88.2	88.9	89.4	89.7	90.0	90.0	90.3	91.0	91.0	91.1	91.1	91.1	91.1
IV 600	63.5	84.9	86.7	88.9	89.8	90.3	90.5	90.8	90.8	91.1	91.9	91.9	92.0	92.0	92.0	92.0
IV 500	63.5	84.9	87.0	89.5	90.4	91.1	91.4	92.2	92.2	92.9	93.8	93.8	94.1	94.1	94.1	94.1
IV 400	63.5	85.1	87.1	89.7	91.0	91.9	92.6	93.4	93.4	94.1	95.0	95.0	95.3	95.3	95.3	95.3
IV 300	63.5	85.1	87.3	89.8	91.4	92.5	93.5	94.5	94.5	95.7	97.0	97.0	97.6	97.6	97.6	97.6
IV 200	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	98.7	98.7
IV 100	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.9	97.9	98.7	98.8	99.3	99.4
IV 0	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.9	97.9	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373U

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.1	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	54.5	64.1	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	54.7	64.8	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	56.1	67.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	56.6	67.8	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	57.8	69.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	58.9	71.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	59.7	72.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	61.4	75.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	62.2	76.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	62.9	77.7	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	63.7	79.0	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	63.8	79.3	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	64.8	81.2	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	65.3	81.8	84.0	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	65.7	82.6	84.8	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	66.3	83.3	85.5	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	66.3	83.6	85.8	87.0	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	66.3	83.8	86.0	87.1	87.3	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	66.3	84.2	86.4	87.6	87.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 800	66.3	84.3	86.6	87.7	87.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 700	66.3	84.3	86.6	88.0	88.2	88.6	89.1	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.7
≥ 600	66.3	84.6	87.4	89.1	89.2	89.7	90.3	90.3	90.3	90.4	90.8	90.8	90.8	90.8	90.8	91.0
≥ 500	66.3	84.6	87.6	89.5	89.7	90.3	91.0	91.4	91.4	91.7	92.5	92.5	92.5	92.5	92.5	92.6
≥ 400	66.3	84.9	88.2	90.1	90.5	91.1	92.0	92.9	92.9	93.5	94.4	94.4	94.5	94.5	94.5	94.7
≥ 300	66.3	84.9	88.2	90.1	90.5	91.1	92.2	93.4	93.4	94.7	95.7	95.7	96.0	96.0	96.0	96.2
≥ 200	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.2	97.5	97.5	97.9	98.1	98.5	98.7
≥ 100	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	99.0	99.1
≥ 0	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373C

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	53.5	59.1	59.4	59.4	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	56.6	63.3	63.4	63.4	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	56.6	63.3	63.6	63.6	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	56.6	63.4	63.7	63.7	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	56.6	63.4	63.7	63.7	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	56.6	63.7	64.0	64.0	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	58.4	65.8	66.1	66.1	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	58.6	66.1	66.4	66.4	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	59.9	68.1	68.4	68.4	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	60.3	68.6	68.9	68.9	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	60.8	69.6	69.9	69.9	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	61.8	71.5	71.8	71.8	72.4	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	63.7	74.3	74.6	74.6	75.2	75.2	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.3
≥ 4000	64.0	76.1	76.5	76.5	77.1	77.1	77.3	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	64.9	77.3	77.9	77.9	78.9	78.9	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	64.9	78.0	78.6	78.6	79.6	79.6	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	66.1	79.5	80.1	80.1	81.1	81.1	81.3	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	67.0	80.8	81.6	82.2	83.3	83.3	83.5	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	67.1	81.7	82.6	83.5	84.7	84.7	84.8	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	67.1	81.9	82.7	83.8	85.0	85.0	85.1	85.4	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	67.4	82.4	83.3	84.4	85.5	85.5	85.8	86.4	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	67.6	82.6	83.6	84.8	86.0	86.1	86.4	87.0	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	67.6	82.9	83.9	85.1	86.4	86.6	87.0	87.6	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	67.6	82.9	83.9	85.1	86.4	86.6	87.3	88.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700	67.7	83.0	84.1	85.3	86.6	86.7	87.5	88.2	88.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8
≥ 600	67.7	83.3	84.4	85.7	87.0	87.2	87.9	88.6	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 500	67.7	83.5	84.5	86.3	87.8	87.9	88.8	90.0	90.0	90.1	90.9	90.9	90.9	90.9	91.0	91.0
≥ 400	67.7	83.5	84.6	86.7	88.3	88.6	89.8	91.4	91.4	91.7	92.6	92.6	92.8	92.8	92.9	92.9
≥ 300	67.7	83.5	84.8	86.9	88.8	89.1	90.4	93.5	93.7	94.1	95.0	95.0	95.4	95.4	96.0	96.0
≥ 200	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.0	97.1	97.1	97.8	97.8	98.5	98.5
≥ 100	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.2	97.2	97.2	98.1	98.1	99.1	99.3
≥ 0	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.2	97.2	97.2	98.1	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING ≥ 20000	48.5	55.6	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5
≥ 18000 ≥ 6000	52.8	61.6	62.1	62.4	62.5	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 14000 ≥ 7000	52.9	61.9	62.4	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2
≥ 12000 ≥ 9000	53.1	62.0	62.6	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000 ≥ 8000	53.7	63.1	63.7	64.0	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 8000 ≥ 7000	55.3	65.3	65.9	66.2	66.4	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9
≥ 6000 ≥ 5000	55.6	65.7	66.4	66.6	66.8	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3
≥ 4500 ≥ 4000	57.1	68.1	68.7	69.1	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8
≥ 3500 ≥ 3000	57.9	69.3	70.0	70.3	70.5	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 2500 ≥ 2000	58.3	69.8	70.5	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 1800 ≥ 1500	59.5	71.9	72.7	73.1	73.2	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.9
≥ 1200 ≥ 1000	61.0	74.3	75.1	75.6	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.4
≥ 900 ≥ 800	61.9	76.0	77.0	77.5	77.6	77.8	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.3
≥ 700 ≥ 600	62.7	77.2	78.2	78.7	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.7
≥ 500 ≥ 400	63.3	78.3	79.4	80.1	80.5	80.7	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.2
≥ 300 ≥ 200	64.1	79.5	80.7	81.5	81.9	82.1	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.7
≥ 100 ≥ 0	64.6	80.5	81.7	82.7	83.2	83.5	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.1	84.1
≥ 0	64.8	80.9	82.2	83.2	83.7	84.0	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.7
≥ 0	65.1	81.6	82.9	84.0	84.5	84.9	85.1	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.7
≥ 0	65.2	82.0	83.3	84.5	85.1	85.4	85.6	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4
≥ 0	65.4	82.4	83.8	85.1	85.8	86.2	86.6	86.9	86.9	87.0	87.3	87.3	87.3	87.3	87.4	87.5
≥ 0	65.4	82.6	84.1	85.4	86.3	86.7	87.1	87.4	87.4	87.6	87.9	87.9	88.0	88.0	88.0	88.1
≥ 0	65.4	82.7	84.2	85.6	86.5	87.0	87.5	87.8	87.8	88.1	88.4	88.4	88.5	88.5	88.6	88.7
≥ 0	65.4	83.0	84.5	86.2	87.2	87.7	88.2	88.6	88.6	88.9	89.3	89.3	89.5	89.5	89.5	89.6
≥ 0	65.4	83.2	84.9	86.7	87.8	88.4	89.0	89.3	89.3	89.7	90.1	90.1	90.3	90.3	90.3	90.4
≥ 0	65.5	83.4	85.3	87.3	88.6	89.4	90.2	90.7	90.8	91.3	91.8	91.8	92.1	92.1	92.2	92.3
≥ 0	65.5	83.6	85.6	87.9	89.3	90.3	91.4	92.3	92.3	93.0	93.7	93.7	93.9	94.0	94.1	94.2
≥ 0	65.5	83.6	85.7	88.1	89.7	90.7	91.9	93.2	93.3	94.3	95.1	95.1	95.6	95.6	95.8	95.9
≥ 0	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.0	95.4	96.5	96.5	97.1	97.2	97.5	97.7
≥ 0	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.1	95.6	96.7	96.8	97.8	97.9	98.5	98.9
≥ 0	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.1	95.6	96.7	96.8	97.9	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5415

2
GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	46.9	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5
≥ 20000	51.6	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 18000	51.6	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 16000	51.9	55.9	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9
≥ 14000	52.4	56.5	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 12000	54.8	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 10000	58.3	62.6	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 9000	59.0	63.3	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 8000	61.4	66.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥ 7000	63.7	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 6000	64.0	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 5000	65.5	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥ 4500	68.1	75.5	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4000	68.7	76.5	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 3500	69.9	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 3000	71.6	81.7	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 2500	72.7	83.7	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5
≥ 2000	73.3	84.4	85.6	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 1800	73.5	84.8	86.0	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
≥ 1500	73.7	85.6	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1200	74.2	86.3	87.8	88.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1000	74.2	86.7	88.4	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 900	74.3	87.4	89.1	89.5	89.9	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 800	74.5	87.6	89.4	89.9	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 700	74.5	87.9	89.7	90.3	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 600	74.5	88.3	90.1	91.3	92.6	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 500	74.7	89.1	90.9	92.2	93.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 400	74.9	89.4	91.3	92.9	94.5	95.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 300	74.9	89.5	91.7	93.8	95.7	96.4	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 200	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.1	98.7	98.7	98.9	98.9	98.9	99.1
≥ 100	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.5	99.1	99.1	99.3	99.3	99.3	99.9
≥ 0	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.5	99.1	99.1	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥1/16	≥¼	≥0
NO CEILING	44.6	48.5	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5	49.5	49.7
≥ 20000	50.3	54.2	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.1	55.4
IV 18000	50.4	54.3	54.7	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.5
IV 16000	50.7	54.6	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5	55.5	55.8
IV 14000	50.9	54.8	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.8	55.8	56.0
IV 12000	53.4	57.7	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.9
IV 10000	56.9	61.4	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.8
IV 9000	57.7	62.2	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.6
IV 8000	59.8	65.2	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.7
IV 7000	62.6	68.3	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.5	69.5	69.8
IV 6000	63.2	69.2	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.4	70.4	70.7
IV 5000	66.4	74.2	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.5	75.5	75.8
IV 4500	68.0	76.5	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.8	77.8	78.1
IV 4000	68.1	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.5	78.5	78.8
IV 3500	68.8	77.8	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.2	79.2	79.4
IV 3000	70.3	80.2	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.6	81.6	81.9
IV 2500	71.1	81.3	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.8	82.8	83.2
IV 2000	71.8	82.8	83.5	83.7	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.4	84.4	84.8
IV 1800	72.2	83.3	84.0	84.4	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.7	85.1	85.1	85.5
IV 1500	72.6	84.0	84.8	85.5	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	86.2	86.2	86.6
IV 1200	72.8	84.3	85.1	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.4	86.4	86.8
IV 1000	73.4	85.8	86.7	88.0	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.8	88.8	89.2
IV 900	73.5	86.2	87.1	88.6	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.4	89.4	89.8
IV 800	73.8	86.6	87.5	89.0	89.1	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.9	89.9	90.3
IV 700	74.1	87.4	88.3	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.7	90.7	91.1
IV 600	74.5	88.3	89.4	91.0	91.3	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8	92.2	92.2	92.6
IV 500	74.9	88.8	90.1	91.8	92.2	92.3	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.7	93.7	94.1
IV 400	74.9	89.0	90.2	92.1	92.7	92.9	93.7	94.0	94.1	94.4	94.4	94.4	94.4	94.8	94.8	95.2
IV 300	75.0	89.1	90.5	92.5	93.1	93.4	94.2	94.8	95.2	95.8	95.8	95.8	95.8	96.2	96.2	96.6
IV 200	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	96.9	96.9	96.9	97.6	97.8	98.4
IV 100	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	97.0	97.0	97.0	97.7	98.0	98.7
IV 0	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	97.0	97.0	97.0	97.7	98.0	98.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	37.4	45.0	46.1	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.0	47.2	47.3	47.7	48.3
≥ 18000 IV ≥ 6000	42.3	51.3	52.7	53.5	53.6	53.6	53.8	53.9	53.8	53.8	53.9	53.9	54.0	54.2	54.6	55.1
≥ 14000 IV ≥ 2000	42.6	51.6	53.0	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.3	54.4	54.8	55.4
≥ 10000 IV ≥ 9000	43.0	52.4	53.8	54.6	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.0	55.1	55.2	55.6	56.2
≥ 8000 IV ≥ 7000	45.3	54.7	56.2	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.7	58.1	58.6
≥ 6000 IV ≥ 5000	47.0	57.4	58.9	59.7	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.1	60.2	60.3	60.8	61.3
≥ 4500 IV ≥ 4000	47.4	58.3	59.9	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.4	61.9	62.4
≥ 3500 IV ≥ 3000	49.1	61.3	63.4	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.8	64.9	65.3	65.9
≥ 2500 IV ≥ 2000	50.9	63.6	65.7	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.5	67.6	68.0	68.5
≥ 1800 IV ≥ 1500	51.3	64.9	67.1	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.8	69.0	69.4	69.9
≥ 1200 IV ≥ 1000	53.4	67.3	69.5	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.4	71.8	72.3
≥ 900 IV ≥ 800	54.8	69.6	72.3	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.5	74.6	75.0	75.5
≥ 700 IV ≥ 600	55.6	70.7	73.4	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.7	76.1	76.6
≥ 500 IV ≥ 400	57.3	72.6	75.3	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.6	78.0	78.5
≥ 300 IV ≥ 200	58.5	75.1	78.2	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.5	80.9	81.5
≥ 100 IV ≥ 0	58.7	75.7	78.8	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	81.2	81.3	81.7	82.3
≥ 0	59.0	77.0	80.2	82.3	82.5	82.5	82.7	82.8	82.8	82.8	82.9	82.9	83.2	83.3	83.7	84.3
≥ 0	59.1	77.4	80.6	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.5	83.5	83.7	83.9	84.3	84.8
≥ 0	59.4	78.5	81.9	84.1	84.5	84.5	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.5	85.6	86.0
≥ 0	59.7	79.0	82.4	84.7	85.2	85.3	85.6	85.8	85.8	85.8	85.9	85.9	86.2	86.3	86.7	87.2
≥ 0	59.7	80.2	83.6	86.0	87.0	87.1	87.5	87.6	87.6	87.6	87.8	87.8	88.2	88.3	88.7	89.2
≥ 0	59.8	80.5	83.9	86.4	87.4	87.5	87.9	88.0	88.0	88.0	88.2	88.2	88.6	88.7	89.1	89.7
≥ 0	60.1	81.0	84.4	87.0	87.9	88.0	88.4	88.6	88.6	88.6	88.7	88.7	89.1	89.2	89.7	90.2
≥ 0	60.1	81.5	85.1	87.6	88.8	89.0	89.4	89.5	89.5	89.5	89.7	89.7	90.1	90.2	90.6	91.1
≥ 0	60.2	81.9	85.5	88.2	89.5	89.7	90.2	90.5	90.5	90.5	90.6	90.7	91.1	91.3	91.7	92.2
≥ 0	60.2	81.9	85.8	88.8	90.7	91.3	92.1	92.7	92.7	93.0	93.4	93.4	94.0	94.1	94.5	95.0
≥ 0	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.2	94.4	95.6	96.0	96.1	96.6	96.8	97.2	97.7
≥ 0	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.4	97.6	98.0	98.5
≥ 0	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.7	97.8	98.7	99.7
≥ 0	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.7	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

4A1

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	40.1	46.0	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	46.8	54.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	47.2	55.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	47.2	55.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	47.6	55.9	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	49.5	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	51.1	61.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	52.0	62.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	53.1	64.9	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	53.2	65.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	53.5	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	54.4	68.3	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	56.3	71.1	72.7	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	57.3	73.1	74.9	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	58.6	73.9	75.7	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	60.1	76.1	77.8	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	61.6	78.5	80.4	80.9	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	61.8	79.4	81.6	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	62.1	79.7	82.4	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	62.1	80.9	83.6	84.4	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	62.2	81.7	84.7	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	62.2	82.8	85.9	86.8	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	62.5	83.1	86.2	87.1	87.4	87.6	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	62.8	84.0	87.2	88.2	88.4	88.8	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	62.8	84.3	87.5	88.6	89.0	89.5	89.5	89.9	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6
≥ 600	62.8	84.3	87.6	88.8	89.9	90.5	90.5	90.9	91.1	91.4	91.7	91.8	91.9	91.9	91.9	91.9
≥ 500	62.8	84.4	87.8	89.1	90.7	91.8	92.2	93.0	93.4	93.8	94.1	94.4	94.6	94.6	94.6	94.6
≥ 400	62.8	84.4	87.9	89.5	91.4	93.1	93.7	94.6	95.2	96.0	96.4	96.6	96.9	96.9	96.9	96.9
≥ 300	62.8	84.4	88.2	89.9	91.8	93.7	94.2	95.3	95.8	96.9	97.7	98.0	98.3	98.3	98.3	98.3
≥ 200	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.3	99.3
≥ 100	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.5	99.9
≥ 0	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.2	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	47.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	48.5	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	49.1	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	50.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	51.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	52.2	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	52.3	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 5000	54.2	66.1	66.1	66.1	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	57.1	69.2	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	59.1	72.4	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	60.9	75.0	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	62.2	76.6	77.3	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	63.4	79.2	79.8	80.2	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	64.2	81.0	82.0	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	64.2	82.3	83.2	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	64.2	82.8	83.7	84.3	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	64.5	83.5	84.5	85.2	85.9	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	64.5	84.7	86.2	87.0	87.6	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	64.5	84.8	86.3	87.1	88.0	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	64.5	84.9	86.6	87.4	88.3	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	64.5	85.3	87.4	88.2	89.1	90.2	90.7	91.0	91.0	91.0	91.0	91.0	91.1	91.3	91.3	91.3
≥ 600	64.5	85.3	87.5	88.4	90.1	91.3	91.8	92.6	92.6	92.6	92.6	92.6	92.7	92.9	92.9	92.9
≥ 500	64.5	85.5	87.6	88.8	91.0	92.7	93.4	94.8	94.8	94.8	94.9	94.9	95.0	95.2	95.2	95.2
≥ 400	64.5	85.6	87.8	89.0	91.4	93.3	94.5	96.2	96.5	96.9	97.0	97.2	97.3	97.3	97.4	97.4
≥ 300	64.5	85.6	87.8	89.2	91.9	94.0	95.2	96.9	97.2	97.8	98.0	98.1	98.3	98.4	98.7	98.7
≥ 200	64.5	85.6	87.8	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	99.9
≥ 100	64.5	85.6	87.8	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	100.0
≥ 0	64.5	85.6	87.8	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	36.9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 16000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	47.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 12000	49.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 10000	50.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	51.7	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 8000	53.6	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	53.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	54.2	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 5000	55.9	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4500	57.9	70.0	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4000	60.3	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 3500	63.6	77.0	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	64.7	79.2	80.0	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 2500	65.3	80.5	81.3	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	65.9	82.1	82.9	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1800	66.0	82.4	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1500	66.1	83.2	84.1	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1200	66.1	83.9	84.9	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1000	66.3	84.5	85.6	85.9	86.2	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 900	66.3	84.5	85.6	85.9	86.4	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 800	66.3	85.1	86.3	86.7	87.4	87.6	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 700	66.3	85.1	86.3	87.0	87.9	88.4	89.2	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 600	66.3	85.2	86.4	87.2	88.6	89.5	90.5	91.1	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.7
IV 500	66.3	85.2	86.8	88.0	90.1	91.5	93.0	94.2	94.4	94.9	95.3	95.3	95.3	95.4	95.4	95.4
IV 400	66.3	85.2	87.2	88.6	90.9	92.3	94.0	95.6	96.0	96.5	97.0	97.0	97.0	97.2	97.2	97.2
IV 300	66.3	85.2	87.2	88.7	91.0	92.6	94.5	96.1	96.5	97.3	98.0	98.0	98.1	98.3	98.3	98.3
IV 200	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	98.9	99.1	99.1	99.1
IV 100	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	99.2	99.5	99.9	99.9
IV 0	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	99.2	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 0
NO CEILING	42.1	46.4	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.4
≥ 20000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6
≥ 18000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6
≥ 16000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6
≥ 14000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6
≥ 12000	50.9	58.5	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.7
≥ 10000	53.8	62.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	64.0
≥ 9000	54.2	63.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2
≥ 8000	55.4	65.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.2
≥ 7000	56.3	66.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.5
≥ 6000	57.0	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4
≥ 5000	57.9	69.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	71.0
≥ 4500	59.9	71.9	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	74.1
≥ 4000	61.2	74.1	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.5
≥ 3500	62.9	75.7	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.4
≥ 3000	64.0	78.1	80.1	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.6
≥ 2500	65.3	79.8	82.0	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.5
≥ 2000	65.9	81.7	83.9	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.5
≥ 1800	66.1	82.3	84.4	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0
≥ 1500	66.3	82.7	84.8	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.6
≥ 1200	66.3	82.8	84.9	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.8
≥ 1000	66.3	83.2	85.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.4
≥ 900	66.3	83.5	85.8	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.2
≥ 800	66.3	83.7	86.2	87.5	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	89.0
≥ 700	66.3	83.9	86.6	87.9	88.8	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.9
≥ 600	66.3	83.9	86.6	88.0	89.5	90.1	90.7	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.7
≥ 500	66.3	84.0	86.7	88.3	90.3	91.4	92.1	92.7	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.3
≥ 400	66.3	84.1	86.8	88.6	90.7	91.9	92.9	93.5	93.5	94.5	94.5	94.5	94.5	94.6	94.6	94.8
≥ 300	66.3	84.1	87.0	89.0	91.8	93.3	94.2	95.0	95.0	96.1	96.1	96.1	96.1	96.2	96.2	96.4
≥ 200	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	97.2	97.4	97.4	97.4	98.1	98.1	98.3
≥ 100	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	97.3	97.8	97.8	97.8	98.9	98.9	99.7
≥ 0	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	97.3	97.8	97.8	97.8	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	52.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 20000	52.0	57.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 18000	52.0	57.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 16000	52.0	58.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 14000	52.7	58.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 12000	54.6	60.9	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8
≥ 10000	57.4	64.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 9000	57.5	64.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3
≥ 8000	59.3	67.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0
≥ 7000	60.1	68.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 6000	60.8	69.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 5000	62.4	71.6	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 4500	63.7	73.5	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 4000	64.2	74.5	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 3500	65.9	76.5	79.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 3000	66.7	79.0	80.9	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 2500	67.9	81.3	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 2000	68.3	82.4	84.3	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5
≥ 1800	68.4	82.5	84.4	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1500	69.0	83.1	84.9	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1200	69.2	83.3	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
≥ 1000	69.8	84.8	86.8	87.5	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
≥ 900	69.9	85.1	87.1	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0
≥ 800	69.9	85.1	87.1	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0
≥ 700	70.0	85.8	88.0	89.2	90.1	90.6	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 600	70.0	85.8	88.3	89.9	91.4	91.9	92.5	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 500	70.0	85.9	88.4	90.5	92.1	92.7	93.4	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 400	70.0	86.3	89.0	91.4	93.0	93.7	94.5	95.0	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.2
≥ 300	70.0	86.3	89.0	91.8	93.5	94.2	95.3	96.1	96.4	97.3	97.7	97.7	97.7	97.7	97.7	98.0
≥ 200	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.6	96.9	98.0	98.4	98.4	98.5	98.5	98.7	98.8
≥ 100	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.8	97.0	98.5	99.1	99.1	99.3	99.3	99.9	100.0
≥ 0	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.8	97.0	98.5	99.1	99.1	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

VAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	46.7	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.7
≥ 20000	48.3	54.8	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.9	56.1
≥ 18000	48.4	54.9	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.2
≥ 16000	48.4	55.0	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.3
≥ 14000	48.8	55.6	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.9
≥ 12000	50.7	58.0	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.4
≥ 10000	53.0	61.1	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.5
≥ 9000	53.7	62.0	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.4
≥ 8000	55.4	64.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.3
≥ 7000	56.6	66.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8	68.0
≥ 6000	57.0	67.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.6	68.8
≥ 5000	58.8	69.5	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.3
≥ 4500	60.7	72.2	73.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1	74.2
≥ 4000	61.9	74.0	75.3	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.0	76.2
≥ 3500	63.4	75.9	77.3	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.1	78.2
≥ 3000	64.8	78.3	79.7	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.7	80.9
≥ 2500	65.8	80.0	81.5	82.1	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.7	82.9
≥ 2000	66.3	81.4	83.0	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.6
≥ 1800	66.4	81.8	83.5	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	85.0	85.2
≥ 1500	66.7	82.6	84.4	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.2
≥ 1200	66.9	83.1	85.0	85.8	86.2	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	87.0
≥ 1000	67.0	84.1	86.1	87.1	87.5	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3	88.5
≥ 900	67.1	84.4	86.4	87.4	88.0	88.2	88.5	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.9	89.1
≥ 800	67.3	84.8	86.8	87.9	88.5	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.7
≥ 700	67.3	85.1	87.3	88.6	89.3	89.7	90.0	90.3	90.3	90.4	90.4	90.5	90.6	90.6	90.7	90.9
≥ 600	67.4	85.4	87.7	89.1	90.4	90.9	91.4	91.8	91.9	92.0	92.1	92.1	92.3	92.3	92.4	92.6
≥ 500	67.5	85.6	88.0	89.7	91.2	92.1	92.8	93.4	93.5	93.8	93.9	94.0	94.2	94.2	94.3	94.5
≥ 400	67.5	85.7	88.2	90.1	91.9	93.0	93.8	94.7	94.9	95.4	95.6	95.6	95.8	95.9	96.0	96.1
≥ 300	67.5	85.8	88.4	90.5	92.5	93.7	94.7	95.7	96.0	96.8	97.1	97.2	97.4	97.4	97.6	97.7
≥ 200	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.2	96.5	97.5	98.0	98.1	98.5	98.6	98.8	99.0
≥ 100	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.3	96.5	97.7	98.2	98.3	98.9	99.0	99.5	99.8
≥ 0	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.3	96.5	97.7	98.2	98.3	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	51.1	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 20000	54.0	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 18000	54.0	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 16000	54.0	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
≥ 14000	54.2	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 12000	55.0	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 10000	56.3	63.3	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	57.4	64.4	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 8000	59.9	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 7000	60.7	69.2	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6
≥ 6000	61.5	70.1	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 5000	64.7	74.4	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3
≥ 4500	66.4	77.1	78.2	78.3	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 4000	67.2	78.3	79.4	79.6	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6
≥ 3500	67.5	79.4	80.6	80.8	81.5	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 3000	68.5	80.7	82.4	82.6	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8
≥ 2500	69.3	81.9	83.6	84.0	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 2000	69.9	82.6	84.3	84.7	85.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0
≥ 1800	70.3	83.2	84.9	85.3	86.0	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 1500	70.6	83.9	85.6	86.0	86.7	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1200	70.7	84.9	86.7	87.1	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1000	71.1	85.4	87.2	87.8	88.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	71.3	85.8	87.8	88.5	89.2	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9
≥ 800	71.3	85.8	88.1	88.8	89.4	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3
≥ 700	71.4	86.0	88.2	88.9	89.6	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4
≥ 600	71.5	86.1	88.5	89.2	89.9	89.9	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.8
≥ 500	71.5	86.5	89.2	90.3	91.1	91.1	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.2
≥ 400	71.5	86.7	89.3	90.8	91.7	91.7	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.1
≥ 300	72.1	87.4	90.0	91.5	92.6	92.6	93.3	93.6	93.6	93.9	93.9	93.9	93.9	94.0	94.0	94.3
≥ 200	72.1	87.4	90.0	91.7	93.3	93.3	93.5	94.7	95.4	95.4	95.8	96.0	96.0	96.1	96.1	96.7
≥ 100	72.1	87.4	90.0	91.7	93.3	93.3	93.6	94.9	95.7	95.7	96.1	96.3	96.3	96.8	96.8	97.8
≥ 0	72.1	87.4	90.0	91.7	93.3	93.3	93.6	94.9	95.7	95.7	96.1	96.3	96.3	96.8	96.8	98.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373G
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	51.1	56.8	58.2	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.4
≥ 18000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.8
≥ 16000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.8
≥ 14000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.8
≥ 12000	54.4	60.6	61.9	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.2
≥ 10000	55.0	61.9	63.3	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6	64.7
≥ 9000	55.0	61.9	63.3	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6	64.7
≥ 8000	57.6	65.4	67.1	67.5	67.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5	68.6
≥ 7000	58.3	66.5	68.2	68.6	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.7
≥ 6000	59.0	67.5	69.2	69.6	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6	70.7
≥ 5000	62.5	72.4	74.2	74.7	75.1	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	76.0
≥ 4500	65.1	75.3	77.1	77.6	78.2	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.9	79.0
≥ 4000	66.0	76.5	78.3	78.9	79.4	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.3
≥ 3500	66.4	77.6	79.4	80.1	80.7	80.7	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.7
≥ 3000	68.2	79.6	81.8	82.5	83.3	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.4
≥ 2500	69.0	80.6	83.1	83.8	84.6	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 2000	69.4	81.4	83.8	84.4	85.3	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.4
≥ 1800	69.6	81.7	84.0	84.7	85.6	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.7
≥ 1500	69.7	82.5	84.9	85.7	86.5	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.6
≥ 1200	69.7	82.6	85.0	86.0	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.9
≥ 1000	70.1	83.5	85.8	86.8	87.6	87.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.6	88.8
≥ 900	70.1	83.5	85.8	86.9	87.8	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.9
≥ 800	70.1	83.5	86.0	87.1	87.9	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.9	89.0
≥ 700	70.4	83.8	86.5	87.6	88.6	88.6	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.7
≥ 600	70.4	84.2	86.9	88.6	89.6	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.7
≥ 500	70.6	84.4	87.5	89.2	90.3	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.4
≥ 400	70.7	84.9	87.9	89.6	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	92.1	92.2
≥ 300	71.0	85.4	88.6	90.6	92.9	92.9	94.0	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.4	95.6
≥ 200	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.3	95.3	96.1	96.1	96.1	96.4	96.4	96.7	96.8
≥ 100	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.4	95.4	96.3	96.3	96.3	96.5	96.5	97.5	98.5
≥ 0	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.4	95.4	96.3	96.3	96.3	96.5	96.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	44.4	53.8	54.9	55.8	56.2	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000 IV 18000	48.4	59.7	60.9	61.9	62.6	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.3
IV 16000	48.7	59.9	61.2	62.2	62.9	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.6
IV 14000	48.8	60.4	61.6	62.6	63.3	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	64.0
IV 12000	50.1	61.9	63.1	64.1	64.8	65.0	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5
IV 10000	50.9	63.4	64.8	65.8	66.6	66.8	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.3
IV 9000	51.3	63.8	65.4	66.5	67.3	67.5	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.0
IV 8000	53.3	67.5	69.0	70.2	71.1	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.9
IV 7000	54.5	68.6	70.1	71.3	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	73.0
IV 6000	54.9	69.4	71.1	72.3	73.2	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	74.0
IV 5000	56.6	73.0	74.7	76.1	76.9	77.1	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.7
IV 4500	58.6	75.5	77.5	79.0	79.8	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.7
IV 4000	59.4	77.2	79.1	81.1	82.2	82.3	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.0
IV 3500	60.1	78.3	80.3	82.3	83.4	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.4
IV 3000	60.8	79.0	80.9	83.0	84.1	84.4	84.6	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.3
IV 2500	61.5	80.1	82.2	84.4	85.5	85.8	86.0	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.6
IV 2000	61.6	80.5	82.8	85.1	86.2	86.6	86.8	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.6
IV 1800	61.6	80.8	83.0	85.4	86.5	86.9	87.1	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.9
IV 1500	61.6	80.8	83.0	85.4	86.5	86.9	87.1	87.3	87.3	87.8	87.8	87.8	87.8	87.8	88.0
IV 1200	61.6	80.8	83.0	85.4	86.5	86.9	87.1	87.3	87.3	87.8	87.8	87.8	87.8	87.8	88.0
IV 1000	61.6	80.8	83.0	85.5	86.6	87.1	87.2	87.5	87.5	87.9	87.9	87.9	87.9	87.9	88.2
IV 900	61.6	80.8	83.2	86.0	87.2	87.6	87.8	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.7
IV 800	61.6	80.8	83.2	86.0	87.3	87.8	87.9	88.2	88.2	88.6	88.6	88.6	88.6	88.7	89.0
IV 700	61.6	81.2	83.6	86.5	88.0	88.5	88.6	88.9	88.9	89.3	89.3	89.3	89.3	89.4	89.7
IV 600	61.6	81.2	83.6	86.6	88.6	89.0	89.2	89.4	89.4	89.8	89.8	89.8	89.8	90.0	90.3
IV 500	61.6	81.6	84.1	87.8	90.0	90.4	91.1	91.5	91.5	92.1	92.1	92.1	92.1	92.2	92.5
IV 400	61.6	81.8	84.3	88.2	90.8	91.4	92.6	93.0	93.0	93.6	93.6	93.6	93.6	93.7	94.0
IV 300	61.6	81.8	84.3	88.2	91.0	91.7	92.9	93.9	93.9	94.4	94.4	94.4	94.4	94.6	94.9
IV 200	61.6	81.8	84.6	88.5	91.4	92.1	93.5	94.6	94.6	95.5	96.0	96.0	96.2	96.2	96.7
IV 100	61.6	81.8	84.6	88.5	91.4	92.1	93.7	95.0	95.0	96.1	96.7	96.7	97.1	97.1	98.6
IV 0	61.6	81.8	84.6	88.5	91.4	92.1	93.7	95.0	95.0	96.1	96.7	96.7	97.1	97.1	98.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.1	48.7	49.1	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000 IV 16000	49.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000 IV 12000	49.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000 IV 9000	50.1	58.0	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000 IV 7000	51.7	60.1	60.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000 IV 5000	53.3	62.2	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500 IV 4000	54.4	63.4	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3500 IV 3000	57.4	67.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500 IV 2000	59.2	69.7	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800 IV 1500	59.4	70.0	70.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1200 IV 1000	61.1	72.3	73.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 900 IV 800	62.2	74.1	75.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 700 IV 600	65.4	77.6	79.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 500 IV 400	67.3	80.0	81.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 300 IV 200	68.8	81.8	83.3	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 100 IV 0	69.3	83.0	84.7	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	69.4	83.4	85.1	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	69.7	83.9	85.5	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
	70.1	85.1	86.8	88.6	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	70.4	85.5	87.3	89.2	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	70.7	86.0	88.0	90.0	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	70.7	86.5	88.6	90.7	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	70.8	86.8	88.9	91.1	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	70.8	86.9	89.2	91.5	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	70.8	87.2	89.6	92.1	92.6	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	70.8	87.5	90.3	93.0	93.6	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	70.8	87.6	90.5	93.6	94.3	95.7	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	70.8	87.6	90.5	93.7	94.9	96.4	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	70.8	87.6	90.5	93.7	94.9	96.5	97.9	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.4	99.4
	70.8	87.6	90.5	93.7	94.9	96.5	97.9	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7	99.9
	70.9	87.8	90.7	93.9	95.0	96.7	98.1	99.0	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.7	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	49.9	55.8	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 14000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000	50.3	57.0	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	52.1	59.3	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 9000	52.5	59.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 8000	54.5	62.4	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	55.3	63.9	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 6000	55.4	64.1	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 5000	57.4	66.7	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500	60.0	70.9	73.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4000	65.0	76.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3500	68.5	80.4	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3000	69.1	81.9	84.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	70.2	84.3	86.5	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	70.9	85.5	87.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	71.2	85.8	88.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	71.2	85.8	88.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	71.4	86.4	88.6	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1000	71.9	87.6	90.0	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 900	71.9	87.9	90.7	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 800	71.9	87.9	90.8	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 700	71.9	88.2	91.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	71.9	88.3	91.2	93.6	93.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 500	71.9	88.4	91.5	94.2	94.4	95.5	95.8	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	71.9	88.6	91.6	94.4	94.8	96.1	96.7	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 300	71.9	88.6	91.6	94.6	95.1	96.5	97.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.9	99.9	100.0	100.0
IV 0	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.4	47.1	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 18000	50.8	56.7	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	50.8	56.8	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 14000	50.8	56.8	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 12000	51.0	57.1	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 10000	51.3	58.5	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 9000	51.9	60.1	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 8000	52.6	60.8	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 7000	54.3	63.5	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	54.7	64.2	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000	54.9	64.3	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4500	57.5	67.2	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 4000	61.5	72.5	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 3500	65.3	76.9	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	66.4	79.0	80.7	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	67.8	80.8	82.8	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2000	68.5	82.4	84.4	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1800	68.5	82.9	85.0	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1500	68.8	83.3	85.4	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1200	69.0	84.2	86.5	87.5	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1000	69.0	84.6	86.9	88.3	88.9	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 900	69.0	85.7	88.1	89.6	90.3	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 800	69.0	86.0	88.8	90.4	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 700	69.0	86.0	88.9	90.7	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 600	69.0	86.1	89.4	91.8	92.8	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 500	69.0	86.4	89.7	92.2	93.2	93.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 400	69.0	86.5	89.9	92.4	93.8	94.3	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0
IV 300	69.0	86.5	90.0	92.6	94.0	95.0	96.7	97.2	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8
IV 200	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.1	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8
IV 100	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.3	98.3	98.3	98.9	99.0	99.0	99.4	99.6	99.9
IV 0	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.3	98.3	98.3	98.9	99.0	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.6	52.4	53.2	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	52.9	62.6	63.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	53.9	64.2	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	54.7	66.4	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	55.0	67.1	68.3	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	56.0	68.5	69.9	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	56.5	69.7	71.1	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	56.7	69.9	71.3	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	58.9	72.5	73.9	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	60.4	74.7	76.3	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	62.9	77.5	79.0	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	64.2	79.6	81.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	65.4	81.0	82.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	66.1	82.8	84.3	85.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	66.3	83.2	84.7	85.8	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	66.5	83.6	85.1	86.4	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	66.9	84.2	85.8	87.2	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	67.1	84.7	86.5	88.1	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	67.2	85.3	87.2	89.0	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	67.2	85.4	87.8	89.6	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	67.2	85.7	88.1	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	67.6	86.5	88.9	90.8	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600	67.6	86.8	89.4	91.4	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	67.6	86.9	89.9	92.1	93.1	93.8	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
≥ 400	67.6	86.9	89.9	92.2	93.3	94.7	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 300	67.6	86.9	89.9	92.4	93.5	94.9	96.8	96.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.1	98.1	98.2	98.2	98.5	98.5
≥ 100	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.2	98.2	98.5	98.5	98.8	99.7
≥ 0	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.2	98.2	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.8	56.2	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 20000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 18000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 16000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 14000	53.3	61.1	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 12000	54.2	62.0	63.0	63.1	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 10000	56.3	65.8	67.0	67.3	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.2
≥ 9000	58.3	67.9	69.1	69.4	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 8000	59.7	70.2	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 7000	60.5	71.5	72.7	73.2	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 6000	60.6	71.8	73.0	73.4	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 5000	62.7	74.5	76.4	76.8	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 4500	63.7	75.5	77.3	77.7	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 4000	65.8	77.9	79.8	80.3	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.4
≥ 3500	66.3	79.0	81.1	81.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 3000	68.0	81.1	83.4	84.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 2500	68.7	82.2	84.7	85.3	86.2	86.2	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 2000	69.0	82.5	85.0	85.5	86.5	86.5	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1800	69.0	83.0	85.5	86.4	87.5	87.5	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 1500	69.1	83.6	86.1	86.9	88.0	88.0	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1200	69.4	84.4	87.1	88.2	89.3	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	90.0
≥ 1000	69.5	84.7	87.5	88.6	89.7	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 900	69.5	84.8	87.6	88.7	89.8	89.8	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 800	69.5	85.0	88.0	89.3	90.4	90.4	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 700	69.7	85.3	88.3	89.6	90.7	90.7	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 600	69.7	85.7	88.7	90.3	91.4	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 500	69.7	86.0	89.4	91.0	92.1	92.2	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 400	69.7	86.2	89.7	91.6	93.3	93.6	94.6	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.5
≥ 300	69.7	86.2	89.8	92.1	93.7	94.2	95.4	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.5
≥ 200	69.7	86.2	89.8	92.1	93.7	94.2	96.1	96.5	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.9
≥ 100	69.7	86.2	89.8	92.1	93.7	94.2	96.1	96.5	96.5	97.5	97.8	97.8	98.2	98.2	98.6	99.3
≥ 0	69.7	86.2	89.8	92.1	93.7	94.2	96.1	96.5	96.5	97.5	97.8	97.8	98.5	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

9373.1
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.3	52.5	53.3	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
≥ 20000	51.6	59.3	60.3	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 18000	51.6	59.3	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 16000	51.7	59.3	60.3	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 14000	51.8	59.5	60.5	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 12000	52.6	60.7	61.8	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	53.8	62.8	64.0	64.5	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
≥ 9000	54.6	63.6	64.8	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 8000	56.6	66.6	67.9	68.6	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 7000	57.5	67.9	69.2	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 6000	57.8	68.4	69.7	70.4	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 5000	60.2	71.6	73.2	73.9	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 4500	62.2	74.5	76.1	76.9	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4000	64.6	77.3	79.0	79.9	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 3500	65.8	79.2	80.9	81.9	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 3000	67.1	80.7	82.6	83.7	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 2500	67.8	82.2	84.2	85.3	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 2000	68.1	82.8	84.8	86.0	86.5	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1800	68.3	83.2	85.2	86.5	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1500	68.5	83.8	85.8	87.2	87.8	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 1200	68.7	84.2	86.4	87.8	88.5	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 1000	68.9	84.9	87.1	88.7	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 900	68.9	85.1	87.5	89.2	89.9	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.7
≥ 800	68.9	85.2	87.7	89.5	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 700	69.1	85.5	88.1	90.0	90.8	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7
≥ 600	69.1	85.7	88.5	90.5	91.4	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.6
≥ 500	69.1	86.0	89.0	91.2	92.3	92.8	93.4	93.7	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
≥ 400	69.1	86.2	89.2	91.7	92.9	93.6	94.5	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 300	69.2	86.3	89.3	92.0	93.5	94.3	95.6	96.2	96.2	96.6	96.6	96.6	96.6	96.7	96.8	96.8
≥ 200	69.2	86.3	89.4	92.1	93.7	94.6	96.2	96.9	96.9	97.5	97.7	97.7	97.7	97.8	98.1	98.1
≥ 100	69.2	86.3	89.4	92.1	93.7	94.7	96.2	97.0	97.0	97.7	97.9	97.9	97.9	98.2	98.8	99.4
≥ 0	69.2	86.4	89.4	92.1	93.8	94.7	96.2	97.0	97.0	97.7	97.9	97.9	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	36.8	47.8	48.9	49.7	49.7	49.9	50.0	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.7	50
≥ 20000	39.5	53.1	54.2	55.2	55.2	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3	56
≥ 18000	39.5	53.1	54.2	55.2	55.2	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3	56
≥ 16000	39.5	53.2	54.3	55.4	55.4	55.5	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.5	57
≥ 14000	39.5	53.5	54.6	55.6	55.6	55.8	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.9	57
≥ 12000	40.1	54.3	55.5	56.6	56.6	56.7	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.8	58
≥ 10000	41.1	55.8	57.0	58.1	58.1	58.2	58.6	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.4	59
≥ 9000	41.3	56.0	57.3	58.3	58.3	58.5	58.9	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.7	60
≥ 8000	44.0	57.3	60.5	61.6	61.6	61.7	62.1	62.5	62.5	62.6	62.6	62.6	62.6	62.6	63.7	63
≥ 7000	44.6	59.9	61.2	62.2	62.2	62.4	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.7	64
≥ 6000	45.3	60.8	62.0	63.0	63.0	63.2	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.5	65
≥ 5000	47.7	63.8	65.3	66.8	66.9	67.1	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.4	69
≥ 4500	49.2	65.3	66.9	68.5	69.1	69.4	69.8	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.8	71
≥ 4000	49.5	66.0	68.0	69.8	70.4	70.7	71.1	71.6	71.6	71.8	71.8	71.8	71.8	71.8	72.2	72
≥ 3500	50.3	66.8	68.8	70.6	71.2	71.5	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	73.0	73
≥ 3000	51.1	68.0	70.2	72.0	72.7	73.0	73.4	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.6	75
≥ 2500	52.3	69.6	71.9	73.9	74.7	75.0	75.4	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.6	77
≥ 2000	52.7	70.7	73.1	75.5	76.5	76.9	77.3	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.5	79
≥ 1800	53.1	71.1	73.5	75.9	76.9	77.3	77.7	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.9	79
≥ 1600	53.2	71.6	74.3	76.7	77.7	78.1	78.5	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.7	80
≥ 1400	53.2	72.2	75.1	78.0	79.2	79.6	80.0	80.6	80.6	80.8	80.8	80.8	80.8	80.8	81.2	81
≥ 1200	53.2	72.6	75.7	78.5	79.7	80.1	80.5	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.7	82
≥ 1000	53.4	72.8	75.9	78.8	80.1	80.5	80.9	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.1	82
≥ 900	53.6	73.4	76.6	79.6	80.9	81.3	81.7	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.9	83
≥ 800	53.6	73.8	77.2	80.1	81.5	81.9	82.3	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.5	84
≥ 700	53.8	74.3	77.7	80.6	82.0	82.5	83.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.5	85
≥ 600	53.8	74.6	78.2	81.6	82.9	83.6	84.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.9	86
≥ 500	53.8	75.1	78.9	82.7	84.0	85.1	86.3	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.8	88
≥ 400	53.8	75.1	78.9	82.7	84.0	85.1	86.3	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.8	88
≥ 300	53.8	75.1	78.9	83.2	84.8	86.2	87.8	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.4	89
≥ 200	53.8	75.3	79.0	83.5	85.2	86.7	88.3	90.1	90.1	90.5	90.7	90.7	90.7	91.0	91.9	92
≥ 100	53.8	75.3	79.0	83.5	85.3	86.8	88.7	90.7	90.7	91.4	91.8	91.8	91.8	92.9	94.6	97
≥ 0	53.8	75.3	79.0	83.5	85.3	86.8	88.7	90.7	90.7	91.4	91.8	91.8	91.8	92.9	95.3	100

TOTAL NUMBER OF OBSERVATIONS 1

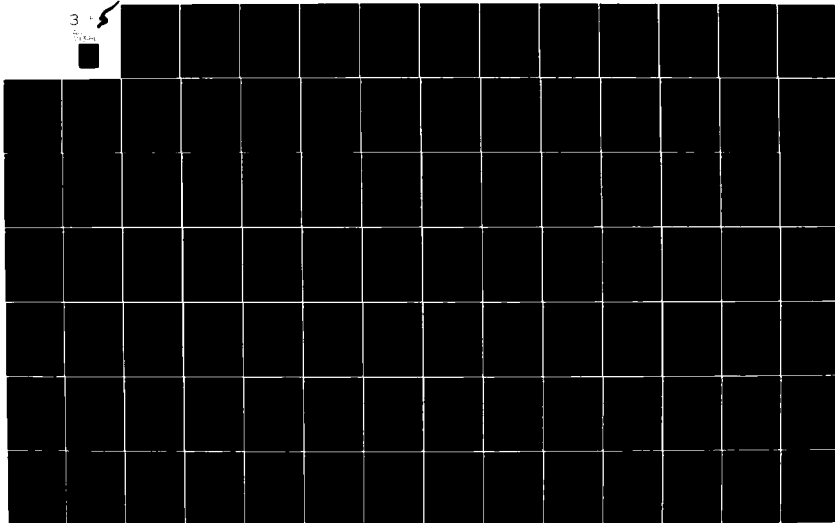
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ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
NOV 81

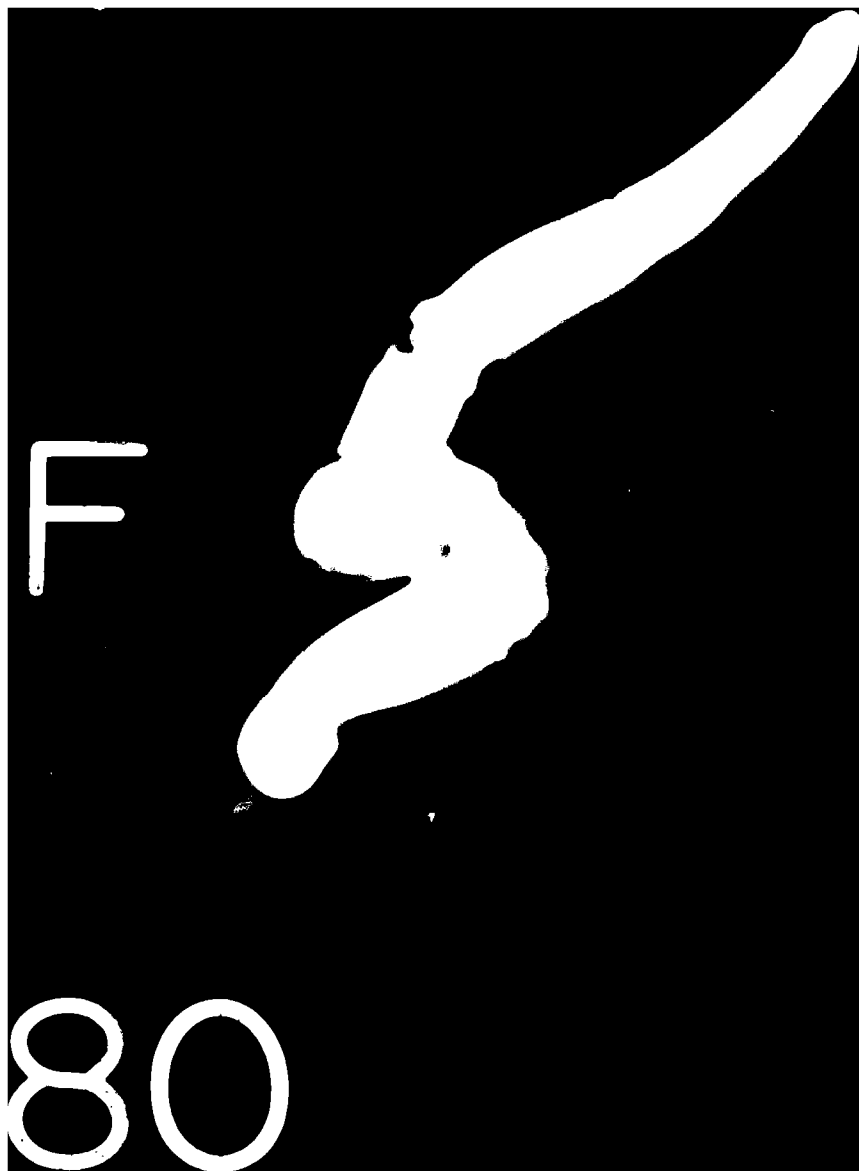
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SBI-AD-E850 134

NL

3





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	33.2	45.0	46.6	48.3	49.0	49.7	49.9	50.1	50.1	50.3	50.9	50.9	51.7	51.7	52.0	52.4
≥ 20000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
≥ 18000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
≥ 16000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
≥ 14000	35.8	49.5	51.5	54.1	55.2	55.9	56.3	56.4	56.4	56.9	57.5	57.5	58.3	58.3	58.5	59.2
≥ 12000	36.6	51.1	53.2	55.7	56.8	57.6	58.0	58.1	58.1	58.7	59.2	59.2	60.0	60.0	60.3	61.1
≥ 10000	37.3	52.0	54.0	56.5	57.6	58.4	58.8	59.0	59.0	59.5	60.0	60.0	60.8	60.8	61.1	61.9
≥ 9000	38.0	52.6	54.6	57.2	58.3	59.1	59.5	59.6	59.6	60.2	60.7	60.7	61.5	61.5	61.8	62.6
≥ 8000	39.7	55.0	57.5	60.0	61.5	62.3	62.7	62.9	62.9	63.4	63.9	63.9	64.7	64.7	65.0	65.8
≥ 7000	40.2	56.0	58.4	61.1	62.7	63.5	63.9	64.1	64.1	64.6	65.3	65.3	66.1	66.1	66.4	67.2
≥ 6000	40.4	56.1	58.5	61.2	62.9	63.7	64.1	64.2	64.2	64.7	65.4	65.4	66.2	66.2	66.5	67.3
≥ 5000	41.0	57.1	59.5	62.7	64.3	65.1	65.5	65.7	65.7	66.2	66.9	66.9	67.7	67.7	68.0	68.8
≥ 4500	42.4	58.7	61.1	64.3	65.9	66.9	67.3	67.4	67.4	68.0	68.6	68.6	69.4	69.4	69.7	70.5
≥ 4000	43.1	59.6	62.3	65.5	67.2	68.1	68.5	68.6	68.6	69.2	69.9	69.9	70.7	70.7	70.9	71.7
≥ 3500	43.3	60.0	62.7	66.1	67.8	68.8	69.2	69.3	69.3	69.9	70.5	70.5	71.3	71.3	71.6	72.4
≥ 3000	43.7	60.7	63.5	67.2	68.9	69.9	70.4	70.5	70.5	71.1	71.7	71.7	72.5	72.5	72.8	73.6
≥ 2500	44.0	61.4	64.2	67.8	69.6	70.5	71.1	71.2	71.2	71.7	72.4	72.4	73.2	73.2	73.5	74.3
≥ 2000	44.5	62.0	65.1	68.9	70.7	71.6	72.1	72.4	72.4	72.9	73.6	73.6	74.4	74.4	74.7	75.5
≥ 1800	44.7	62.2	65.4	69.2	70.9	71.9	72.4	72.7	72.7	73.2	73.9	73.9	74.7	74.7	75.0	75.8
≥ 1500	45.0	63.0	66.2	70.1	72.3	73.2	73.8	74.0	74.0	74.7	75.4	75.4	76.2	76.2	76.4	77.3
≥ 1200	45.0	63.4	66.6	70.9	73.1	74.0	74.6	75.0	75.0	75.8	76.4	76.4	77.3	77.3	77.5	78.3
≥ 1000	45.1	64.6	68.2	72.7	74.8	75.8	76.3	76.7	76.7	77.5	78.2	78.2	79.0	79.0	79.3	80.1
≥ 900	45.1	64.6	68.2	72.7	74.8	75.8	76.3	76.7	76.7	77.5	78.2	78.2	79.1	79.1	79.4	80.2
≥ 800	45.4	65.5	69.3	73.9	76.2	77.3	77.8	78.2	78.2	79.0	79.7	79.7	80.6	80.6	80.9	81.7
≥ 700	45.6	66.4	70.1	74.7	77.0	78.1	78.6	79.0	79.0	79.8	80.5	80.5	81.4	81.4	81.7	82.5
≥ 600	45.6	66.9	70.9	75.8	78.1	79.3	79.8	80.5	80.5	81.3	82.0	82.0	82.9	82.9	83.2	84.0
≥ 500	45.6	67.0	71.5	76.7	79.3	80.6	81.2	82.0	82.0	83.0	83.7	83.7	84.7	84.7	84.9	85.7
≥ 400	45.6	67.2	71.7	77.5	80.1	81.6	82.4	83.2	83.2	84.4	85.1	85.1	86.0	86.0	86.3	87.1
≥ 300	45.6	67.2	72.4	78.3	81.4	82.9	84.0	85.1	85.1	86.4	87.1	87.1	88.3	88.3	88.8	89.6
≥ 200	45.6	67.2	72.4	78.3	81.6	83.0	84.5	86.0	86.0	88.2	89.1	89.1	91.0	91.0	91.5	92.7
≥ 100	45.6	67.2	72.4	78.3	81.6	83.0	84.8	86.4	86.4	88.8	90.2	90.2	92.7	92.9	94.1	97.7
≥ 0	45.6	67.2	72.4	78.3	81.6	83.0	84.8	86.4	86.4	89.0	90.3	90.3	92.9	93.0	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	27.9	42.3	44.6	45.8	46.0	46.2	46.6	46.8	46.8	46.9	47.0	47.0	47.2	47.2	47.4	47.7
≥ 20000	32.3	49.2	51.9	53.2	53.9	54.7	55.1	55.4	55.4	55.7	55.8	55.8	55.9	55.9	56.2	56.5
≥ 18000	32.3	49.2	51.9	53.2	53.9	54.7	55.1	55.4	55.4	55.7	55.8	55.8	55.9	55.9	56.2	56.5
IV 16000	32.5	49.3	52.0	53.4	54.0	54.9	55.3	55.5	55.5	55.8	55.9	55.9	56.1	56.1	56.3	56.6
≥ 14000	32.7	50.0	52.7	54.0	54.7	55.5	55.9	56.2	56.2	56.5	56.6	56.6	56.7	56.7	57.0	57.3
IV 12000	33.7	51.2	54.2	55.7	56.3	57.1	57.5	58.0	58.0	58.2	58.4	58.4	58.5	58.5	58.8	59.0
≥ 10000	34.5	53.2	56.3	58.0	58.6	59.4	59.8	60.2	60.2	60.6	60.8	60.8	61.1	61.1	61.3	61.6
IV 9000	34.5	53.8	57.0	58.6	59.4	60.2	60.6	61.1	61.1	61.5	61.6	61.6	61.9	61.9	62.1	62.4
≥ 8000	36.1	56.9	60.9	62.3	63.2	64.0	64.4	64.8	64.8	65.4	65.5	65.5	65.8	65.8	66.0	66.3
IV 7000	36.7	57.8	61.6	63.3	64.4	65.2	65.6	66.2	66.2	66.7	66.8	66.8	67.1	67.1	67.4	67.7
≥ 6000	36.9	58.1	61.9	63.6	64.7	65.5	65.9	66.4	66.4	67.0	67.1	67.1	67.4	67.4	67.7	67.9
IV 5000	37.7	59.3	63.2	65.0	66.2	67.0	67.4	67.9	67.9	68.5	68.6	68.6	68.9	68.9	69.1	69.4
≥ 4500	38.1	59.7	64.0	65.9	67.3	68.2	68.6	69.1	69.1	69.8	69.9	69.9	70.2	70.2	70.5	70.8
IV 4000	38.4	60.1	64.4	66.3	67.7	68.6	69.0	69.5	69.5	70.2	70.4	70.4	70.6	70.6	70.9	71.2
≥ 3500	38.9	60.6	65.0	66.8	68.5	69.4	69.8	70.4	70.4	71.0	71.2	71.2	71.4	71.4	71.7	72.0
IV 3000	39.2	62.0	66.4	68.3	70.1	71.0	71.4	72.0	72.0	72.6	72.8	72.8	73.0	73.0	73.3	73.6
≥ 2500	39.4	62.5	67.1	69.0	70.9	72.0	72.5	73.0	73.0	73.7	73.9	73.9	74.1	74.1	74.4	74.7
IV 2000	39.9	63.7	68.5	70.4	72.2	73.3	73.9	74.4	74.4	75.1	75.2	75.2	75.5	75.5	75.7	76.0
≥ 1800	39.8	64.0	68.7	70.6	72.5	73.6	74.3	74.8	74.8	75.5	75.6	75.6	75.9	75.9	76.1	76.4
IV 1500	40.0	64.8	69.7	71.7	73.9	75.1	75.9	76.4	76.4	77.1	77.2	77.2	77.5	77.5	77.8	78.0
≥ 1200	40.3	65.6	70.6	72.6	74.8	76.0	76.6	77.4	77.4	78.0	78.2	78.2	78.4	78.4	78.7	79.0
IV 1000	40.3	66.2	71.7	73.7	76.1	77.5	78.3	78.8	78.8	79.5	79.6	79.6	79.9	79.9	80.2	80.5
≥ 900	40.4	66.4	72.0	74.1	76.7	78.0	78.6	79.4	79.4	80.1	80.2	80.2	80.5	80.5	80.7	81.0
IV 800	40.4	67.0	72.5	74.6	77.5	79.1	80.2	80.9	80.9	81.5	81.7	81.7	81.9	81.9	82.2	82.5
≥ 700	40.4	67.0	72.6	75.1	77.8	79.5	80.6	81.3	81.3	81.9	82.1	82.1	82.3	82.3	82.6	82.9
IV 600	40.4	67.3	73.0	75.6	78.4	80.6	82.1	82.7	82.7	83.6	83.8	83.8	84.1	84.1	84.4	84.6
≥ 500	40.4	67.3	73.0	75.6	78.4	81.0	82.9	84.1	84.1	85.2	85.6	85.6	85.8	85.8	86.1	86.4
IV 400	40.6	67.4	73.2	75.9	78.7	81.8	84.0	85.3	85.3	86.9	87.3	87.3	87.9	87.9	88.1	88.4
≥ 300	40.6	67.4	73.2	76.1	79.0	82.7	85.4	87.6	87.6	90.6	91.1	91.1	91.6	91.6	91.9	92.2
IV 200	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.1	93.1	95.0	95.0	95.4	95.7
≥ 100	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.7	93.7	96.0	96.1	97.4	98.7
IV 0	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.7	93.7	96.0	96.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 742

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.9	49.2	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	37.4	55.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	39.7	57.3	59.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	39.0	58.7	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	39.1	59.1	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	40.1	61.0	64.2	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	40.2	61.3	64.5	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	40.9	62.0	65.3	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	41.0	62.6	66.0	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	41.9	64.2	67.6	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	43.3	66.1	69.5	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	44.1	67.5	70.8	71.6	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	45.0	68.8	72.3	73.1	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	45.6	70.3	73.9	74.7	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2000	46.4	71.8	75.4	76.3	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	47.3	72.7	76.5	77.4	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	47.8	74.3	78.6	80.0	80.5	80.6	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	48.5	75.7	80.1	81.7	82.8	82.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	48.9	76.5	81.2	83.1	84.3	84.7	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	48.9	76.6	81.9	84.1	85.3	85.8	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	48.9	76.9	82.3	84.5	86.2	86.6	87.2	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	48.9	77.3	82.9	85.2	87.0	87.5	88.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	49.1	77.7	83.5	86.0	87.8	88.7	89.4	90.3	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	49.2	78.2	84.4	87.2	89.2	90.5	91.4	92.5	92.5	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	49.2	78.5	84.8	88.0	90.3	91.9	93.4	94.6	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	49.2	78.5	85.1	88.4	90.9	92.6	95.0	96.6	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.5	99.5	100.0
≥ 0	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	35.5	48.0	49.1	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	40.5	56.2	58.2	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	41.4	57.7	59.5	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	42.1	59.5	61.6	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	42.2	59.8	62.0	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	43.3	62.4	64.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	43.5	62.6	65.1	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	43.7	62.8	65.2	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	44.9	64.5	66.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	46.0	66.3	68.8	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	47.0	68.8	71.5	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	48.7	71.2	74.1	74.6	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	49.7	73.4	76.2	76.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	51.1	75.9	79.0	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000	51.3	78.2	81.6	82.1	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	51.7	78.6	82.1	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1500	51.9	79.8	83.7	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	52.2	80.8	85.1	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	52.6	82.9	87.6	88.6	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	52.8	83.5	88.3	89.7	91.1	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	52.8	84.0	89.0	90.3	91.8	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	53.0	84.3	89.6	91.1	92.6	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 600	53.0	84.5	90.3	92.1	93.7	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	53.0	84.7	90.5	92.7	94.8	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	53.0	84.7	90.9	93.4	95.4	96.6	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	53.0	84.7	90.9	93.5	95.7	96.9	98.0	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	31.6	44.1	45.6	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	38.3	55.9	58.3	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	38.7	56.7	59.1	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	41.8	60.6	63.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	41.9	61.2	64.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	42.3	62.6	65.7	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	42.9	64.0	67.3	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	42.6	64.7	68.1	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	43.7	66.1	70.2	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	45.2	68.0	72.3	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	46.4	70.0	74.3	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	47.8	72.3	76.9	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	49.6	75.4	80.1	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	50.1	77.2	82.4	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	50.4	78.2	83.6	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	50.8	79.0	84.4	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	50.9	79.8	85.3	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	51.3	81.3	87.1	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	51.3	82.3	88.0	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	51.3	82.5	88.3	90.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	51.3	82.6	88.7	90.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	51.3	83.2	89.2	91.5	92.9	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 600	51.3	83.3	89.6	92.6	94.1	94.4	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	51.6	84.0	90.5	93.7	95.6	96.1	96.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	51.6	84.1	90.6	94.2	96.1	96.8	97.3	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.0	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	33.6	41.7	44.0	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	40.9	54.1	57.1	58.4	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	43.7	58.7	62.2	63.7	64.4	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	44.1	59.2	62.8	64.2	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	45.3	62.3	66.3	67.7	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	45.6	62.8	66.9	68.4	69.1	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	46.0	63.2	67.2	68.8	69.5	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	47.0	65.0	69.4	71.0	71.8	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	47.5	66.0	70.6	72.3	73.1	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	48.4	68.0	72.6	74.5	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	49.3	69.2	73.8	75.7	76.5	76.7	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	50.1	71.0	75.8	77.7	78.5	78.7	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	51.0	71.9	76.9	78.9	80.0	80.2	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	51.0	72.9	77.9	80.0	81.1	81.2	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	51.0	73.0	78.0	80.2	81.4	81.6	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	51.3	73.7	78.8	81.4	82.9	83.3	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	51.7	74.6	79.8	82.3	83.9	84.3	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	51.7	75.0	80.4	83.3	85.0	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 900	51.7	75.4	81.0	83.8	85.6	86.1	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	52.0	76.2	81.9	84.8	86.6	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	52.0	76.7	82.3	85.2	87.0	88.1	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 600	52.0	76.8	82.9	86.0	87.9	89.2	89.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	52.0	77.3	83.6	86.9	88.9	90.3	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	52.0	77.5	84.1	87.2	89.9	91.8	92.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	52.0	77.5	84.2	87.7	90.4	92.4	93.9	95.4	95.4	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 200	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.6	97.6	97.6	97.6	98.0	98.0	98.2
≥ 100	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.8	98.0	98.0	98.0	98.7	98.8	99.1
≥ 0	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.8	98.0	98.0	98.0	98.8	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.1	45.2	47.2	48.2	49.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	39.5	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 18000	39.5	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 16000	39.5	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 14000	39.5	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 12000	39.5	52.0	54.4	55.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.8	56.8	56.8
≥ 10000	42.5	55.3	57.8	58.7	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.2
≥ 9000	42.6	55.5	57.9	58.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3
≥ 8000	45.5	59.4	62.2	63.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9
≥ 7000	46.4	60.6	63.6	64.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.4
≥ 6000	47.2	61.8	64.8	65.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6
≥ 5000	48.6	64.9	67.9	69.2	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 4500	49.4	66.1	69.1	70.7	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0
≥ 4000	50.5	67.5	70.6	72.3	73.7	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 3500	51.1	68.3	71.4	73.1	75.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0
≥ 3000	51.4	69.0	72.2	74.0	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8
≥ 2500	52.2	70.4	74.0	75.7	77.6	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5
≥ 2000	52.4	71.3	75.2	77.2	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3
≥ 1800	52.6	71.7	75.6	77.7	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8
≥ 1500	53.3	72.5	76.4	78.7	80.7	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8
≥ 1200	53.3	73.1	77.1	79.4	81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7
≥ 1000	53.4	73.6	77.7	80.2	82.6	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8
≥ 900	53.6	74.4	78.3	80.7	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5
≥ 800	54.0	75.3	79.4	81.9	84.6	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.7	86.1	86.1	86.1
≥ 700	54.0	75.4	79.9	82.6	85.6	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	87.0	87.0	87.0
≥ 600	54.3	75.7	80.4	83.4	86.4	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.6	88.0	88.0	88.0
≥ 500	54.4	76.8	81.5	85.2	88.1	88.9	89.6	89.6	89.6	89.6	89.7	89.7	89.7	90.1	90.1	90.3
≥ 400	54.5	76.9	81.6	85.4	88.5	89.9	90.8	91.0	91.0	91.1	91.1	91.2	91.2	91.6	91.6	91.8
≥ 300	54.7	77.2	82.1	86.2	89.3	90.7	92.2	92.4	92.4	92.6	92.7	92.7	93.1	93.1	93.5	93.5
≥ 200	54.7	77.2	82.1	86.2	89.5	90.8	92.3	92.8	92.8	93.1	93.4	93.4	94.2	94.2	95.0	95.1
≥ 100	54.7	77.2	82.1	86.2	89.5	90.8	92.6	93.1	93.4	93.9	94.3	94.3	95.5	95.5	97.3	98.0
≥ 0	54.7	77.2	82.1	86.2	89.5	90.8	92.6	93.1	93.4	93.9	94.3	94.3	96.2	96.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥5/16	≥1/8	≥0
NO CEILING	33.7	45.4	47.1	48.0	48.4	48.5	48.7	48.7	48.7	48.8	48.9	48.9	49.0	49.0	49.1	49.2
≥ 20000	37.9	52.7	54.9	55.9	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 18000	37.9	52.7	54.9	55.9	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 16000	37.9	52.7	54.9	56.0	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 14000	38.0	53.0	55.2	56.2	56.8	57.0	57.2	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.7	57.9
≥ 12000	38.8	54.3	56.6	57.7	58.3	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.2	59.2	59.3	59.5
≥ 10000	40.2	56.7	59.2	60.4	60.9	61.2	61.4	61.5	61.5	61.7	61.7	61.7	61.9	61.9	62.0	62.2
≥ 9000	40.5	57.2	59.7	60.9	61.4	61.7	61.9	62.0	62.0	62.1	62.2	62.2	62.4	62.4	62.5	62.7
≥ 8000	42.0	59.9	62.7	64.0	64.6	64.9	65.1	65.2	65.2	65.4	65.4	65.4	65.6	65.6	65.7	65.9
≥ 7000	42.5	60.6	63.6	64.6	65.5	65.8	66.0	66.2	66.2	66.3	66.4	66.4	66.6	66.6	66.7	66.9
≥ 6000	42.8	61.2	64.1	65.4	66.1	66.4	66.6	66.8	66.8	66.9	67.0	67.0	67.2	67.2	67.3	67.5
≥ 5000	44.0	62.9	66.0	67.5	68.3	68.5	68.7	68.9	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.6
≥ 4500	45.0	64.3	67.6	69.1	70.0	70.3	70.6	70.7	70.7	70.9	71.0	71.0	71.2	71.2	71.3	71.5
≥ 4000	45.8	65.6	69.2	70.8	71.7	72.1	72.3	72.5	72.5	72.7	72.8	72.8	72.9	72.9	73.1	73.3
≥ 3500	46.6	67.0	70.4	72.1	73.2	73.6	73.8	74.0	74.0	74.2	74.3	74.3	74.5	74.5	74.6	74.8
≥ 3000	47.5	68.5	72.1	73.9	75.0	75.3	75.6	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.4	76.6
≥ 2500	48.2	69.9	73.7	75.5	76.7	77.0	77.3	77.5	77.5	77.7	77.8	77.8	78.0	78.0	78.1	78.3
≥ 2000	48.5	71.1	75.0	77.0	78.2	78.6	78.9	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.7	79.9
≥ 1800	48.9	71.5	75.5	77.5	78.7	79.2	79.5	79.7	79.7	79.9	80.0	80.0	80.2	80.2	80.3	80.5
≥ 1500	49.2	72.5	76.6	78.6	80.2	80.7	81.0	81.3	81.3	81.5	81.6	81.6	81.7	81.7	81.9	82.1
≥ 1200	49.4	73.3	77.7	80.0	81.5	82.0	82.3	82.6	82.6	82.9	83.0	83.0	83.1	83.1	83.2	83.4
≥ 1000	49.6	74.2	78.8	81.3	82.9	83.5	83.9	84.2	84.2	84.4	84.5	84.5	84.7	84.7	84.8	85.0
≥ 900	49.7	74.5	79.2	81.8	83.6	84.2	84.6	84.9	84.9	85.1	85.3	85.3	85.5	85.5	85.6	85.8
≥ 800	49.8	75.1	80.0	82.6	84.5	85.2	85.6	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.7	86.9
≥ 700	49.9	75.5	80.5	83.2	85.2	86.0	86.4	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.6	87.8
≥ 600	49.9	75.8	81.1	84.0	86.0	87.0	87.6	88.2	88.2	88.5	88.6	88.6	88.8	88.8	88.9	89.1
≥ 500	50.0	76.2	81.7	85.0	87.2	88.3	89.2	89.9	89.9	90.3	90.4	90.4	90.6	90.6	90.8	91.0
≥ 400	50.0	76.4	82.0	85.5	87.9	89.4	90.6	91.4	91.5	92.0	92.2	92.2	92.4	92.4	92.5	92.7
≥ 300	50.0	76.5	82.2	86.0	88.5	90.2	91.7	92.9	92.9	94.0	94.2	94.2	94.5	94.5	94.7	94.9
≥ 200	50.0	76.5	82.2	86.0	88.6	90.3	92.0	93.5	93.5	94.9	95.3	95.3	96.0	96.0	96.3	96.6
≥ 100	50.0	76.5	82.2	86.0	88.6	90.3	92.1	93.6	93.7	95.2	95.8	95.8	96.9	96.9	97.8	98.9
≥ 0	50.0	76.5	82.2	86.0	88.6	90.3	92.1	93.6	93.7	95.3	95.9	95.9	97.0	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5943

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373G

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.9	44.4	47.7	50.5	52.0	52.2	52.2	52.4	52.4	53.4	53.4	53.4	53.6	53.7	54.0	54.3
≥ 20000	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 18000	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 16000	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 14000	30.0	50.1	54.0	57.0	58.7	58.9	59.0	59.3	59.3	60.3	60.3	60.3	60.4	60.5	60.9	61.1
≥ 12000	31.2	51.9	55.8	58.9	60.5	60.7	60.8	61.1	61.1	62.1	62.1	62.1	62.2	62.3	62.6	62.9
≥ 10000	32.9	55.6	59.7	62.9	64.7	64.9	65.0	65.3	65.3	66.2	66.2	66.2	66.4	66.5	66.9	67.1
≥ 9000	34.2	56.9	60.9	64.2	66.0	66.1	66.2	66.5	66.5	67.5	67.5	67.5	67.6	67.8	68.1	68.3
≥ 8000	35.6	60.1	64.3	67.6	69.7	69.9	70.0	70.3	70.3	71.3	71.3	71.3	71.4	71.5	71.8	72.1
≥ 7000	36.3	60.9	65.3	68.8	71.0	71.1	71.3	71.5	71.5	72.5	72.5	72.5	72.7	72.8	73.1	73.4
≥ 6000	36.4	61.1	65.6	69.0	71.3	71.4	71.5	71.8	71.8	72.8	72.8	72.8	72.9	73.1	73.4	73.6
≥ 5000	38.5	63.6	68.2	71.7	74.1	74.5	74.6	75.0	75.0	76.0	76.0	76.0	76.2	76.3	76.6	76.8
≥ 4500	39.3	64.6	69.3	72.8	75.2	75.6	75.7	76.3	76.3	77.3	77.3	77.3	77.4	77.5	77.8	78.1
≥ 4000	39.7	65.7	70.6	74.1	76.4	76.8	77.0	77.5	77.5	78.5	78.5	78.5	78.7	78.8	79.1	79.4
≥ 3500	40.2	66.5	71.4	75.0	77.4	77.8	78.0	78.5	78.5	79.5	79.5	79.5	79.6	79.8	80.1	80.3
≥ 3000	40.4	67.2	72.1	76.4	78.8	79.2	79.4	79.9	79.9	80.9	80.9	80.9	81.0	81.2	81.5	81.7
≥ 2500	41.3	68.9	73.9	78.7	81.2	81.6	81.7	82.3	82.3	83.3	83.3	83.3	83.4	83.5	83.8	84.1
≥ 2000	41.7	69.5	74.5	79.2	81.7	82.1	82.3	82.8	82.8	84.0	84.0	84.0	84.1	84.2	84.5	84.8
≥ 1800	42.0	69.7	74.8	79.5	82.0	82.4	82.6	83.1	83.1	84.2	84.2	84.2	84.4	84.5	84.8	85.1
≥ 1500	42.8	70.6	75.6	80.3	82.8	83.3	83.4	84.0	84.0	85.1	85.1	85.1	85.2	85.4	85.6	85.9
≥ 1200	43.1	71.0	76.2	81.0	83.5	84.0	84.1	84.7	84.7	85.8	85.8	85.8	85.9	86.1	86.3	86.6
≥ 1000	43.4	71.5	76.8	81.9	84.4	84.8	84.9	85.5	85.5	86.6	86.6	86.6	86.8	86.9	87.2	87.4
≥ 900	43.4	71.8	77.4	82.6	85.1	85.5	85.6	86.2	86.2	87.3	87.3	87.3	87.4	87.6	87.9	88.1
≥ 800	43.4	72.0	77.5	82.7	85.2	85.8	85.9	86.5	86.5	87.6	87.6	87.6	87.7	87.9	88.1	88.4
≥ 700	43.9	72.8	78.7	83.8	86.5	87.2	87.3	87.9	87.9	89.0	89.0	89.0	89.1	89.3	89.5	89.8
≥ 600	43.9	72.9	78.9	84.1	86.9	87.6	88.0	88.6	88.6	89.7	89.7	89.7	89.8	90.0	90.2	90.5
≥ 500	44.1	73.8	80.1	85.5	88.4	89.5	90.2	90.8	90.8	91.9	91.9	91.9	92.1	92.2	92.5	92.7
≥ 400	44.1	74.1	80.6	86.6	89.5	90.7	91.5	92.1	92.1	93.2	93.2	93.2	93.3	93.4	93.7	94.0
≥ 300	44.1	74.8	81.5	87.6	90.5	91.8	92.7	93.3	93.3	94.4	94.4	94.4	94.6	94.7	95.0	95.3
≥ 200	44.1	74.8	81.6	87.9	90.8	92.1	93.3	94.1	94.1	95.3	95.3	95.3	95.8	96.0	96.4	96.7
≥ 100	44.1	74.8	81.6	87.9	90.8	92.1	93.4	94.4	94.4	95.7	95.7	95.7	96.7	96.8	97.4	98.3
≥ 0	44.1	74.8	81.6	87.9	90.8	92.1	93.4	94.4	94.4	95.7	95.7	95.7	96.7	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373D

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	24.2	34.6	38.5	41.9	43.9	44.5	45.3	45.9	45.9	46.5	46.9	46.9	48.0	48.1	48.5	48.8
≥20000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.6
≥18000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.8
≥16000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.8
≥14000	26.1	38.5	43.8	48.1	50.9	51.5	52.4	53.0	53.0	53.8	54.2	54.2	55.4	55.5	55.9	56.5
≥12000	27.0	39.5	44.8	49.1	51.9	52.4	53.4	54.0	54.0	54.8	55.2	55.2	56.3	56.5	56.9	57.4
≥10000	28.4	42.6	48.0	52.6	55.4	55.9	57.0	57.3	57.6	58.4	59.0	59.0	60.1	60.2	60.8	61.3
≥9000	29.8	44.6	50.1	54.7	57.4	58.0	59.1	59.7	59.7	60.5	61.1	61.1	62.2	62.3	62.9	63.4
≥8000	31.2	47.1	53.1	57.7	60.6	61.2	62.3	62.9	63.0	63.8	64.4	64.4	65.5	65.6	66.2	66.8
≥7000	31.7	47.7	54.0	58.6	61.8	62.3	63.4	64.0	64.1	65.0	65.5	65.5	66.6	66.8	67.3	68.0
≥6000	32.1	48.1	54.4	59.0	62.2	62.7	64.0	64.5	64.7	65.5	66.1	66.1	67.2	67.3	67.9	68.6
≥5000	33.0	49.7	55.9	60.5	64.0	64.5	66.1	66.6	66.8	67.6	68.3	68.3	69.4	69.5	70.1	70.8
≥4500	34.1	51.3	57.7	62.6	66.1	66.6	68.2	68.7	68.8	69.7	70.4	70.4	71.5	71.6	72.2	72.9
≥4000	34.9	52.7	59.1	64.0	67.5	68.0	69.5	70.1	70.2	71.2	71.9	71.9	73.0	73.2	73.7	74.4
≥3500	35.3	53.4	59.8	64.7	68.2	68.7	70.2	70.8	70.9	71.9	72.6	72.6	73.7	73.9	74.4	75.1
≥3000	35.9	54.1	60.5	65.8	69.4	70.0	71.5	72.2	72.3	73.6	74.3	74.3	75.4	75.5	76.1	76.8
≥2500	36.2	54.8	61.3	66.9	70.7	71.2	72.7	73.4	73.6	74.8	75.5	75.5	76.6	76.8	77.3	78.0
≥2000	36.7	55.8	62.4	68.0	72.0	72.6	74.3	75.1	75.2	76.5	77.2	77.2	78.3	78.4	79.0	79.7
≥1800	37.0	56.1	62.9	68.4	72.5	73.0	74.7	75.5	75.7	76.9	77.6	77.6	78.7	78.9	79.4	80.1
≥1500	37.3	56.9	63.8	69.4	73.4	74.0	75.7	76.5	76.6	77.9	78.6	78.6	79.7	79.8	80.4	81.1
≥1200	37.8	57.4	64.4	70.1	74.1	74.8	76.5	77.3	77.5	79.0	79.7	79.7	80.8	80.9	81.5	82.2
≥1000	37.8	57.6	64.5	70.2	74.4	75.2	76.9	77.7	77.9	79.4	80.3	80.3	81.4	81.5	82.1	82.8
≥900	37.8	57.7	65.0	70.7	74.8	75.8	77.6	78.4	78.6	80.1	80.9	80.9	82.1	82.2	82.8	83.4
≥800	37.8	57.7	65.1	70.8	75.2	76.2	78.0	78.9	79.0	80.5	81.5	81.5	82.6	82.8	83.3	84.0
≥700	38.0	58.6	66.2	72.0	76.8	77.7	79.6	80.4	80.5	82.1	83.0	83.0	84.1	84.4	85.0	85.7
≥600	38.1	59.0	66.8	72.6	77.7	78.7	80.7	81.5	81.6	83.2	84.3	84.3	85.4	85.7	86.2	86.9
≥500	38.1	59.0	66.9	72.7	77.9	79.0	81.1	81.9	82.1	83.6	84.7	84.7	85.8	86.1	86.6	87.3
≥400	38.1	59.5	67.4	74.5	79.7	80.8	83.0	83.9	84.0	85.7	86.8	86.8	87.9	88.2	88.7	89.4
≥300	38.1	59.9	68.3	75.1	80.4	82.1	84.6	86.4	86.5	88.3	89.6	89.6	90.8	91.1	91.8	92.5
≥200	38.1	59.9	68.3	75.2	80.5	82.2	84.8	86.6	87.1	89.2	91.0	91.0	92.5	92.9	94.0	95.1
≥100	38.1	59.9	68.3	75.2	80.5	82.3	85.0	86.9	87.3	89.4	91.2	91.2	93.5	94.0	96.0	97.4
0	38.1	59.9	68.3	75.2	80.5	82.3	85.0	86.9	87.3	89.4	91.2	91.2	93.5	94.0	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	23.4	35.7	38.4	42.4	44.1	45.2	45.8	46.5	46.5	47.0	47.0	47.0	47.0	47.1	47.6	47.7
≥ 20000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 18000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 16000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 14000	25.5	40.9	44.9	49.8	51.7	52.9	53.5	54.4	54.4	54.9	54.9	54.9	54.9	55.1	55.5	55.8
IV 12000	26.0	42.1	46.6	51.7	53.8	54.9	55.6	56.5	56.5	57.0	57.0	57.0	57.0	57.2	57.6	57.9
≥ 10000	26.6	44.4	49.1	54.4	56.5	57.6	58.3	59.1	59.1	59.7	59.8	59.8	59.9	60.1	60.5	60.8
IV 9000	27.4	45.6	50.5	55.8	57.9	59.1	59.8	60.6	60.6	61.2	61.3	61.3	61.5	61.6	62.0	62.3
IV 8000	28.2	47.7	53.5	59.0	61.2	62.4	63.1	64.0	64.0	64.5	64.7	64.7	64.8	65.0	65.4	65.6
IV 7000	28.5	48.1	54.0	59.5	61.9	63.3	64.0	64.8	64.8	65.4	65.5	65.5	65.6	65.8	66.2	66.5
IV 6000	28.7	48.5	54.5	60.2	62.6	64.0	64.8	65.6	65.6	66.2	66.3	66.3	66.5	66.6	67.0	67.3
IV 5000	29.2	49.4	55.4	61.1	63.6	65.0	65.8	66.6	66.6	67.3	67.5	67.5	67.6	67.7	68.2	68.4
IV 4500	29.8	51.0	57.4	63.1	65.6	67.0	67.9	68.7	68.7	69.4	69.5	69.5	69.7	69.8	70.2	70.5
IV 4000	30.2	51.7	58.4	64.3	66.9	68.3	69.1	70.0	70.0	70.7	70.8	70.8	70.9	71.1	71.5	71.8
IV 3500	31.0	53.0	59.8	65.6	68.4	69.8	70.7	71.5	71.5	72.2	72.3	72.3	72.5	72.6	73.0	73.3
IV 3000	31.8	54.0	60.9	67.0	70.0	71.3	72.2	73.2	73.2	73.9	74.0	74.0	74.1	74.3	74.7	75.0
IV 2500	32.1	54.5	61.5	67.9	70.8	72.2	73.0	74.0	74.0	74.7	74.8	74.8	75.0	75.1	75.5	75.8
IV 2000	32.7	55.2	62.2	68.7	72.2	73.6	74.4	75.5	75.5	76.2	76.4	76.4	76.5	76.6	77.1	77.3
IV 1800	32.8	55.8	62.7	69.4	73.0	74.4	75.2	76.4	76.4	77.3	77.5	77.5	77.6	77.7	78.2	78.4
IV 1500	33.0	56.5	63.7	70.4	74.3	75.7	76.5	77.7	77.7	78.7	78.9	78.9	79.0	79.1	79.6	79.8
IV 1200	33.1	57.6	65.0	71.8	75.9	77.3	78.2	79.6	79.6	80.5	80.7	80.7	80.8	80.9	81.4	81.6
IV 1000	33.2	57.9	65.5	72.7	77.1	78.4	79.6	80.9	80.9	82.1	82.2	82.2	82.3	82.5	82.9	83.2
IV 900	33.4	58.3	66.1	73.3	77.7	79.1	80.4	81.8	81.8	83.0	83.2	83.2	83.3	83.4	83.9	84.1
IV 800	33.7	58.8	66.6	74.0	78.4	80.0	81.2	82.6	82.6	83.9	84.0	84.0	84.1	84.3	84.7	85.0
IV 700	33.9	59.7	67.9	75.2	80.0	81.5	82.8	84.3	84.3	85.7	85.8	85.8	86.0	86.1	86.5	86.8
IV 600	33.9	59.8	68.3	75.7	80.4	81.9	83.2	84.7	84.7	86.2	86.5	86.5	86.6	86.8	87.2	87.5
IV 500	33.9	60.2	68.8	76.5	81.6	83.4	85.0	86.9	86.9	88.6	88.9	88.9	89.0	89.2	89.6	89.8
IV 400	33.9	60.4	69.4	77.3	82.6	84.7	86.6	89.0	89.0	90.7	91.0	91.0	91.2	91.4	91.8	92.1
IV 300	33.9	60.5	69.5	77.7	83.2	85.4	87.9	90.7	90.7	92.6	93.2	93.2	93.6	93.7	94.2	94.4
IV 200	33.9	60.5	69.5	77.9	83.4	85.8	88.5	91.7	91.7	94.2	95.0	95.0	96.2	96.4	97.2	97.6
IV 100	33.9	60.5	69.5	77.9	83.4	85.8	88.6	91.8	91.8	94.3	95.1	95.1	96.8	96.9	97.9	98.5
IV 0	33.9	60.5	69.5	77.9	83.4	85.8	88.6	91.8	91.8	94.3	95.1	95.1	96.8	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	30.5	44.2	47.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	35.5	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	35.5	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	35.5	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	35.5	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	36.0	53.7	57.7	60.8	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	37.3	56.6	60.9	64.0	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	37.6	57.2	61.5	64.5	65.0	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	37.6	58.0	62.6	65.8	66.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	38.0	58.6	63.3	66.5	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	38.0	58.7	63.4	66.6	67.2	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	38.5	60.5	65.2	68.4	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	38.9	61.9	66.8	70.0	70.5	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	39.6	63.0	67.9	71.6	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	40.6	64.1	69.1	72.9	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	41.0	65.9	71.9	75.8	76.4	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	41.4	66.9	73.3	77.2	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	42.1	69.4	76.6	81.4	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	42.4	70.7	78.2	82.9	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	43.0	72.3	80.7	85.7	86.2	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	43.4	73.4	82.2	87.5	88.3	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	43.4	75.1	83.9	89.6	91.1	91.5	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	43.5	75.9	84.7	90.5	92.2	92.8	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	43.5	76.4	85.3	91.2	93.0	93.7	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	43.5	76.8	85.8	91.9	94.2	95.0	95.3	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	43.5	77.1	86.2	92.6	94.9	95.8	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	43.5	77.1	86.4	93.3	95.7	96.8	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	43.5	77.2	86.5	93.5	96.0	97.1	97.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	43.5	77.2	86.5	93.5	96.0	97.1	97.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	31.3	43.1	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	33.1	51.4	56.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	38.1	51.4	56.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	38.1	51.5	56.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	38.2	51.7	56.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	39.4	53.5	58.5	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	41.1	57.8	62.9	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	41.4	58.2	63.6	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	41.7	58.9	64.3	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	42.1	59.3	64.9	67.5	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	42.1	59.3	64.9	67.5	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	42.9	60.7	66.3	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	44.0	62.5	68.6	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	45.8	65.1	71.7	74.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	47.5	67.4	74.0	76.9	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	48.9	69.4	76.4	79.4	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	49.7	72.1	79.2	82.2	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	50.4	74.4	81.7	85.4	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	50.7	75.6	82.9	86.9	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	51.8	78.3	86.4	90.4	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	52.1	79.2	87.5	91.5	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	52.2	79.7	88.3	92.6	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	52.2	80.0	88.6	93.1	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	52.2	80.0	89.8	93.2	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	52.2	80.1	88.9	93.8	95.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	52.2	80.1	89.0	94.0	95.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	52.2	80.4	89.3	94.3	96.1	97.2	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	52.2	80.4	89.3	94.3	96.3	97.4	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	52.2	80.4	89.3	94.4	96.5	97.6	98.6	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING	32.8	45.8	49.8	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	39.5	55.8	61.1	63.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	39.5	55.8	61.1	63.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	39.5	55.9	61.2	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	39.5	56.1	61.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	40.9	57.9	63.1	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	43.9	62.3	68.0	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	44.6	63.3	69.1	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	44.9	64.3	70.2	72.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	45.5	65.0	70.9	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	45.8	65.2	71.2	73.6	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	46.6	67.3	73.6	75.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	47.7	69.3	75.8	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	48.4	70.1	76.6	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	48.5	70.4	77.1	80.4	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	49.5	73.0	79.8	83.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	50.1	74.7	81.9	85.7	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	50.9	75.9	83.6	87.8	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	51.0	76.4	84.0	88.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	51.9	78.4	86.2	90.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	52.2	79.0	87.1	91.5	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	52.3	79.3	87.3	91.8	92.8	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	52.3	79.7	87.8	92.2	93.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	52.3	80.3	88.5	93.2	94.3	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	52.3	80.5	89.2	94.0	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	52.3	80.8	89.6	94.6	95.7	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	52.3	80.9	89.7	95.1	96.4	97.6	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	52.3	80.9	89.7	95.1	96.5	97.8	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	52.3	80.9	89.7	95.1	96.5	97.8	98.9	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	33.1	45.8	49.3	52.1	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	39.3	57.9	62.8	66.2	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	40.4	59.2	64.1	67.4	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	42.2	62.1	67.4	71.2	71.9	72.3	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	42.6	62.8	68.1	71.9	72.6	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	43.6	65.3	71.3	75.1	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	43.3	66.0	72.1	75.9	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	44.3	66.7	72.8	76.6	77.6	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	45.4	68.4	74.5	78.3	79.4	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	46.2	69.5	75.6	79.5	80.6	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	46.7	70.9	77.0	80.9	82.0	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	46.8	71.3	77.4	81.5	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	46.9	72.3	78.8	83.1	84.5	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	46.9	73.0	79.7	84.0	85.4	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	47.2	73.7	80.4	84.8	86.4	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	47.2	74.0	80.6	85.1	86.8	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	47.2	74.8	81.8	86.2	87.9	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	47.6	75.5	82.5	86.9	88.6	89.1	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	47.8	75.9	83.0	87.5	89.1	89.7	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	47.8	76.5	83.7	88.3	90.0	90.5	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	47.8	77.0	84.5	89.1	90.8	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	47.9	77.4	85.0	89.8	91.5	92.2	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	47.9	77.7	85.4	90.4	92.2	93.3	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	47.9	78.6	86.2	91.4	93.3	94.6	95.5	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	48.1	79.1	86.8	92.1	94.3	95.7	96.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	48.1	79.1	86.8	92.2	94.4	95.8	96.9	98.1	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.4	99.4	99.4	99.6	99.6
≥ 100	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.6	99.6	99.6	100.0	100.0
≥ 0	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	33.8	50.2	52.7	54.1	54.5	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4
≥ 20000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 18000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 16000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 14000	37.0	56.6	59.7	61.3	61.8	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 12000	37.7	58.3	61.5	63.1	63.6	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 10000	38.5	59.8	63.3	65.4	65.9	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	66.8
≥ 9000	38.9	60.4	63.8	65.9	66.5	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 8000	40.1	62.3	66.5	69.4	70.2	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1
≥ 7000	40.2	62.9	67.0	70.0	70.8	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 6000	40.5	63.3	67.5	70.5	71.3	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 5000	42.4	66.1	70.2	73.6	74.5	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4
≥ 4500	43.5	67.5	71.6	75.0	75.9	76.4	76.6	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 4000	43.7	68.7	73.2	76.8	77.7	78.2	78.4	78.4	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 3500	43.7	69.4	73.9	77.9	78.9	79.3	79.6	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3000	44.1	70.8	75.5	79.7	80.8	81.2	81.5	81.5	81.5	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 2500	44.6	72.0	76.9	81.2	82.3	82.9	83.2	83.2	83.2	83.7	83.7	83.7	83.9	83.9	83.9	83.9
≥ 2000	44.9	72.9	78.4	82.8	84.0	84.6	85.0	85.0	85.0	85.5	85.5	85.5	85.7	85.7	85.7	85.7
≥ 1800	44.9	73.2	78.7	83.0	84.3	84.8	85.3	85.3	85.3	85.8	85.8	85.8	86.0	86.0	86.0	86.0
≥ 1500	45.2	74.0	79.8	84.1	85.4	86.0	86.4	86.4	86.4	86.9	86.9	86.9	87.1	87.1	87.1	87.1
≥ 1200	45.2	74.4	80.4	84.7	86.1	86.6	87.1	87.1	87.1	87.6	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1000	45.5	75.0	80.9	85.5	86.9	87.5	88.0	88.0	88.0	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 900	45.5	75.0	81.1	85.7	87.1	87.6	88.2	88.2	88.2	88.7	88.7	88.7	88.9	88.9	88.9	88.9
≥ 800	45.9	75.5	81.6	86.2	87.6	88.3	88.9	88.9	88.9	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 700	46.5	76.2	82.3	86.9	88.3	89.0	89.6	89.6	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 600	46.7	76.6	82.9	87.5	89.0	89.7	90.5	90.7	90.7	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 500	46.7	77.2	83.9	89.3	91.0	91.8	93.3	93.5	93.5	94.0	94.0	94.0	94.2	94.2	94.2	94.2
≥ 400	46.9	78.0	84.8	90.5	92.2	93.3	94.9	95.1	95.1	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 300	46.9	78.3	85.3	91.1	93.0	94.2	95.8	96.1	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 200	46.9	78.4	85.4	91.5	93.5	94.7	96.5	96.9	96.9	97.6	97.8	97.8	98.1	98.5	98.5	98.5
≥ 100	46.9	78.4	85.4	91.5	93.5	94.7	96.7	97.1	97.1	97.8	98.2	98.2	98.5	98.9	99.4	99.6
≥ 0	46.9	78.4	85.4	91.5	93.5	94.7	96.7	97.1	97.1	97.8	98.2	98.2	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.6	43.0	46.4	48.9	49.8	50.1	50.3	50.5	50.5	50.8	50.8	50.8	51.0	51.0	51.2	51.3
≥ 20000	33.8	50.1	54.5	57.5	58.5	58.9	59.1	59.3	59.3	59.7	59.7	59.7	59.9	59.9	60.1	60.2
≥ 18000	33.8	50.1	54.5	57.5	58.5	58.9	59.1	59.3	59.3	59.7	59.7	59.7	59.9	59.9	60.1	60.2
≥ 16000	33.8	50.2	54.5	57.6	58.6	58.9	59.1	59.4	59.4	59.7	59.7	59.7	59.9	60.0	60.1	60.2
≥ 14000	33.9	50.4	54.9	57.9	59.0	59.3	59.5	59.8	59.8	60.1	60.1	60.1	60.3	60.3	60.5	60.6
≥ 12000	34.8	52.0	56.5	59.6	60.7	61.0	61.3	61.5	61.5	61.9	61.9	61.9	62.1	62.1	62.3	62.4
≥ 10000	36.3	55.1	59.9	63.2	64.3	64.7	65.0	65.2	65.2	65.5	65.6	65.6	65.8	65.9	66.0	66.2
≥ 9000	37.1	56.1	61.0	64.3	65.4	65.8	66.1	66.4	66.4	66.7	66.8	66.8	67.0	67.0	67.2	67.3
≥ 8000	37.8	58.0	63.2	66.8	68.1	68.5	68.8	69.0	69.1	69.4	69.5	69.5	69.7	69.7	69.9	70.0
≥ 7000	38.3	58.6	63.9	67.5	68.9	69.3	69.6	69.9	69.9	70.2	70.3	70.3	70.5	70.5	70.7	70.8
≥ 6000	38.9	58.9	64.3	67.9	69.2	69.7	70.0	70.3	70.3	70.6	70.7	70.7	70.9	70.9	71.1	71.3
≥ 5000	39.6	60.7	66.2	69.8	71.3	71.8	72.1	72.4	72.4	72.7	72.9	72.9	73.0	73.1	73.3	73.4
≥ 4500	40.5	62.2	67.9	71.6	73.1	73.6	74.0	74.3	74.3	74.6	74.7	74.7	74.9	75.0	75.1	75.3
≥ 4000	41.1	63.5	69.3	73.2	74.7	75.2	75.6	75.8	75.9	76.2	76.3	76.3	76.5	76.6	76.7	76.9
≥ 3500	41.7	64.4	70.3	74.4	75.9	76.4	76.8	77.1	77.1	77.5	77.6	77.6	77.8	77.8	78.0	78.1
≥ 3000	42.3	65.8	72.0	76.4	78.0	78.5	78.9	79.2	79.3	79.7	79.8	79.8	80.0	80.0	80.2	80.3
≥ 2500	42.8	67.1	73.5	78.0	79.7	80.3	80.7	81.0	81.0	81.5	81.6	81.6	81.8	81.8	82.0	82.1
≥ 2000	43.3	68.3	75.0	79.8	81.6	82.2	82.7	83.1	83.1	83.5	83.7	83.7	83.8	83.9	84.1	84.2
≥ 1800	43.5	68.9	75.6	80.4	82.3	83.0	83.4	83.8	83.8	84.3	84.4	84.4	84.6	84.6	84.8	85.0
≥ 1500	44.0	70.2	77.3	82.1	84.1	84.7	85.2	85.6	85.6	86.1	86.2	86.2	86.4	86.4	86.6	86.7
≥ 1200	44.3	70.9	78.1	83.1	85.1	85.8	86.3	86.7	86.7	87.2	87.3	87.3	87.5	87.5	87.7	87.9
≥ 1000	44.5	71.5	78.8	84.0	86.2	86.9	87.5	87.9	87.9	88.5	88.6	88.6	88.8	88.8	89.0	89.1
≥ 900	44.5	71.9	79.3	84.5	86.8	87.5	88.2	88.6	88.6	89.2	89.4	89.4	89.5	89.6	89.8	89.9
≥ 800	44.6	72.2	79.7	85.1	87.4	88.2	88.9	89.3	89.3	89.9	90.1	90.1	90.2	90.3	90.5	90.6
≥ 700	44.8	72.8	80.5	85.9	88.4	89.3	90.0	90.5	90.5	91.1	91.3	91.3	91.5	91.5	91.7	91.8
≥ 600	44.8	73.0	80.9	86.4	89.0	90.0	90.8	91.3	91.3	92.0	92.2	92.2	92.4	92.4	92.6	92.7
≥ 500	44.9	73.4	81.4	87.3	90.1	91.3	92.4	93.0	93.1	93.8	94.0	94.0	94.2	94.2	94.4	94.6
≥ 400	44.9	73.7	81.9	88.0	90.9	92.2	93.5	94.3	94.3	95.2	95.4	95.4	95.6	95.7	95.8	96.0
≥ 300	44.9	73.9	82.1	88.3	91.3	92.7	94.1	95.2	95.2	96.2	96.5	96.5	96.7	96.8	97.0	97.1
≥ 200	44.9	73.9	82.2	88.5	91.5	92.9	94.5	95.7	95.7	96.9	97.3	97.3	97.8	97.9	98.2	98.4
≥ 100	44.9	73.9	82.2	88.5	91.5	92.9	94.6	95.8	95.8	97.0	97.5	97.5	98.1	98.3	98.8	99.2
≥ 0	44.9	73.9	82.2	88.5	91.5	92.9	94.6	95.8	95.8	97.0	97.5	97.5	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5750

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	28.9	41.3	45.2	49.0	50.6	52.1	54.5	54.6	54.6	54.8	54.8	54.8	54.8	55.9	55.9	56.0
≥ 18000	30.3	45.0	50.6	55.2	57.5	59.1	61.9	62.2	62.2	62.4	62.4	62.4	62.4	63.5	63.5	63.7
≥ 16000	30.3	45.0	50.6	55.2	57.5	59.1	61.9	62.2	62.2	62.4	62.4	62.4	62.4	63.5	63.5	63.7
≥ 14000	30.4	45.1	51.7	55.3	57.6	59.2	62.0	62.3	62.3	62.6	62.6	62.6	62.6	63.7	63.7	63.8
≥ 12000	31.0	45.8	51.5	56.9	59.4	61.0	63.8	64.1	64.1	64.3	64.3	64.3	64.3	65.4	65.4	65.5
≥ 10000	32.0	47.4	53.3	59.6	62.4	64.2	67.2	67.4	67.4	67.7	67.7	67.7	67.7	68.8	68.8	68.9
≥ 9500	32.2	47.6	53.8	60.2	63.0	64.7	67.7	68.0	68.0	68.2	68.2	68.2	68.2	69.3	69.3	69.4
≥ 8000	32.7	49.8	56.1	62.9	65.7	67.6	70.5	70.8	70.8	71.1	71.1	71.1	71.1	72.1	72.1	72.3
≥ 7000	32.8	50.9	57.2	63.9	66.9	68.9	71.9	72.1	72.1	72.4	72.4	72.4	72.4	73.5	73.5	73.6
≥ 6000	32.8	51.3	57.6	64.3	67.3	69.3	72.3	72.5	72.5	72.8	72.8	72.8	72.8	73.9	73.9	74.0
≥ 5000	33.2	52.5	59.0	65.7	68.6	70.7	73.8	74.0	74.0	74.3	74.3	74.3	74.3	75.4	75.4	75.5
≥ 4500	33.6	54.4	61.4	68.2	71.5	73.5	76.6	76.9	76.9	77.1	77.1	77.1	77.1	78.2	78.2	78.3
≥ 4000	34.2	56.0	63.4	70.3	73.6	75.8	78.9	79.1	79.1	79.4	79.4	79.4	79.4	80.5	80.5	80.6
≥ 3500	35.0	57.2	64.7	71.6	75.0	77.1	80.2	80.5	80.5	80.8	80.8	80.8	80.8	81.8	81.8	82.0
≥ 3000	35.1	58.4	66.4	73.2	76.7	78.9	82.0	82.2	82.2	82.5	82.5	82.5	82.5	83.6	83.6	83.7
≥ 2500	35.1	58.4	66.4	73.4	76.9	79.0	82.1	82.5	82.5	82.8	82.8	82.8	82.8	83.8	83.8	84.0
≥ 2000	35.3	58.1	66.8	74.2	77.7	79.8	82.9	83.3	83.3	83.6	83.6	83.6	83.6	84.7	84.7	84.8
≥ 1800	35.4	59.1	67.2	74.6	78.1	80.2	83.3	83.8	83.8	84.1	84.1	84.1	84.1	85.2	85.2	85.3
≥ 1500	35.5	59.5	67.8	75.4	78.9	81.3	84.4	84.9	84.9	85.2	85.2	85.2	85.2	86.3	86.3	86.4
≥ 1200	35.5	59.6	68.2	75.8	79.3	81.8	84.9	85.5	85.5	85.7	85.7	85.7	85.7	86.8	86.8	86.9
≥ 1000	35.5	60.2	69.2	77.0	80.5	83.0	86.1	86.8	86.8	87.1	87.1	87.1	87.1	88.2	88.2	88.3
≥ 900	35.6	60.4	69.4	77.3	80.9	83.4	86.7	87.3	87.3	87.6	87.6	87.6	87.6	88.7	88.7	88.8
≥ 800	35.9	60.7	69.7	77.5	81.2	83.7	86.9	87.6	87.6	87.9	87.9	87.9	87.9	89.0	89.0	89.1
≥ 700	36.2	61.2	70.3	78.5	82.1	84.7	87.9	88.7	88.7	89.0	89.0	89.0	89.0	90.0	90.0	90.2
≥ 600	36.2	61.5	70.7	78.9	82.5	85.1	88.3	89.1	89.1	89.4	89.4	89.4	89.4	90.4	90.4	90.6
≥ 500	36.3	61.9	71.5	79.9	83.6	86.1	90.0	90.8	90.8	91.1	91.1	91.1	91.1	92.2	92.2	92.3
≥ 400	36.5	62.0	71.9	80.6	84.3	86.8	91.0	91.9	91.9	92.5	92.5	92.5	92.5	93.5	93.5	93.7
≥ 300	36.5	62.2	72.1	80.9	84.9	87.5	91.8	92.9	92.9	93.7	93.7	93.7	93.7	94.8	94.8	94.9
≥ 200	36.5	62.2	72.3	81.0	85.2	87.8	92.5	93.8	93.8	95.3	95.3	95.3	95.3	96.4	96.4	96.6
≥ 100	36.5	62.2	72.3	81.0	85.2	87.8	92.6	93.9	93.9	95.4	95.4	95.4	95.4	97.6	97.7	98.3
≥ 0	36.5	62.2	72.3	81.0	85.2	87.8	92.6	93.9	93.9	95.4	95.4	95.4	95.4	97.7	97.8	98.5

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	21.9 23.5	31.7 35.5	35.9 40.5	41.0 45.7	43.8 49.6	44.1 49.9	46.4 52.2	48.5 54.4	48.5 54.4	49.1 55.5	49.2 55.8	49.2 55.8	49.9 56.6	50.0 56.7	50.4 57.1	51.6 58.5	
IV 18000 IV 16000	23.5 23.5	35.6 35.6	40.6 40.6	45.8 45.8	49.7 49.7	50.0 50.0	52.3 52.3	54.6 54.6	54.6 54.6	55.6 55.6	55.9 55.9	55.9 55.9	56.7 56.7	56.9 56.9	57.3 57.3	58.6 58.6	
IV 14000 IV 12000	23.7 23.8	36.3 37.0	41.3 42.1	46.5 47.4	50.4 51.6	50.7 51.9	53.0 54.3	55.2 56.6	55.2 56.6	56.3 57.8	56.6 58.1	56.6 58.1	57.4 58.9	57.5 59.0	57.9 59.4	59.3 60.8	
IV 10000 IV 9000	25.0 25.3	38.8 39.2	44.4 44.8	50.4 50.8	54.8 55.2	55.6 56.0	58.3 58.7	60.6 61.0	60.6 61.0	61.8 62.4	62.1 62.6	62.1 62.6	62.9 62.6	63.0 63.4	63.4 63.6	64.8 64.1	64.8 65.5
IV 8000 IV 7000	25.7 26.3	41.3 42.9	47.2 49.2	53.6 55.6	58.1 60.3	58.9 61.2	62.0 64.2	64.2 66.7	64.2 66.7	65.6 68.0	66.0 68.4	66.0 68.4	66.8 69.2	66.9 69.4	67.5 69.9	68.8 71.2	
IV 6000 IV 5000	26.5 28.2	43.7 45.7	50.0 52.6	56.5 59.0	61.3 63.8	62.1 64.8	65.2 67.9	67.6 70.3	67.6 70.3	69.0 71.8	69.4 72.2	69.4 72.2	70.2 73.0	70.3 73.1	70.8 73.7	72.2 75.0	
IV 4500 IV 4000	29.4 30.0	47.8 49.3	55.1 56.6	61.7 63.4	66.7 68.4	67.7 69.8	71.0 73.0	73.4 75.4	73.4 75.4	74.9 76.9	75.3 77.3	75.3 77.3	76.1 78.1	76.2 78.2	76.7 78.8	78.1 80.1	
IV 3500 IV 3000	30.4 30.5	50.0 50.3	57.3 57.8	64.2 65.3	69.2 70.4	70.7 72.0	73.9 75.3	76.3 77.7	76.3 77.7	77.8 79.3	78.2 79.7	78.2 79.7	79.0 80.5	79.2 80.6	79.7 81.2	81.2 82.7	
IV 2500 IV 2000	30.5 30.5	50.7 50.9	58.2 58.5	65.9 66.4	71.2 71.8	72.8 73.5	76.1 76.9	78.5 79.4	78.5 79.4	80.1 81.0	80.5 81.5	80.5 81.5	81.3 82.3	81.5 82.4	82.0 82.9	83.5 84.4	
IV 1800 IV 1500	30.5 30.5	50.9 51.2	58.5 58.9	66.4 66.8	71.8 72.3	73.5 74.1	77.0 77.7	79.6 80.2	79.6 80.2	81.2 81.9	81.7 82.4	81.7 82.4	82.5 83.2	82.7 83.3	83.2 83.9	84.7 85.3	
IV 1200 IV 1000	30.5 30.6	51.3 51.7	59.0 59.4	67.1 67.5	72.6 73.3	74.3 75.1	78.0 78.8	80.5 81.3	80.5 81.3	82.1 83.1	82.7 83.6	82.7 83.6	83.5 84.4	83.6 84.5	84.1 85.1	85.6 86.6	
IV 900 IV 800	31.2 31.3	52.3 52.4	59.9 60.5	68.0 68.7	73.8 74.5	75.7 76.3	79.4 80.1	82.0 82.7	82.0 82.7	83.7 84.4	84.3 84.9	84.3 84.9	85.1 85.8	85.2 85.9	85.8 86.4	87.2 87.9	
IV 700 IV 600	31.5 31.6	52.6 52.8	60.8 61.0	69.0 69.2	74.7 75.0	76.6 76.9	80.5 80.8	83.1 83.5	83.1 83.5	84.8 85.3	85.3 85.9	85.3 85.9	86.2 86.7	86.3 86.8	87.2 87.8	88.7 89.2	
IV 500 IV 400	31.6 31.6	53.0 53.1	61.6 61.8	70.0 70.4	75.8 76.2	77.7 78.1	82.1 82.8	84.9 85.6	84.9 85.6	86.8 87.5	87.4 88.0	87.4 88.0	88.7 89.5	88.8 89.7	89.8 90.6	91.3 92.1	
IV 300 IV 200	31.7 31.7	53.2 53.2	62.0 62.0	70.7 70.7	76.5 76.6	78.6 78.8	83.5 83.9	86.3 86.8	86.3 86.8	88.7 89.8	89.4 90.5	89.4 90.5	91.0 92.6	91.1 92.9	92.5 94.5	94.0 96.2	
IV 100 0	31.7 31.7	53.2 53.2	62.0 62.0	70.7 70.7	76.6 76.6	78.8 78.8	83.9 83.9	87.0 87.0	87.0 87.0	89.9 89.9	90.7 90.7	90.7 90.7	93.1 93.1	93.4 93.4	95.6 95.6	100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	19.1	32.8	38.6	42.4	45.8	47.9	49.7	50.9	51.0	51.5	52.4	52.4	52.4	52.4	53.2	54.0
≥ 20000	21.0	36.5	43.1	47.9	51.7	54.0	55.9	57.1	57.2	57.9	58.7	58.7	58.7	58.7	59.6	60.6
IN 18000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
IN 16000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
≥ 14000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
IN 12000	21.0	37.0	43.6	48.9	52.8	55.0	57.1	58.3	58.4	59.1	59.9	59.9	59.9	59.9	60.8	61.8
IN 10000	22.1	39.0	45.9	52.6	56.5	59.0	61.1	62.3	62.4	63.1	63.9	63.9	63.9	63.9	64.9	65.8
IN 9000	22.1	39.2	46.0	52.8	56.8	59.2	61.4	62.6	62.7	63.4	64.2	64.2	64.2	64.2	65.1	66.1
IN 8000	22.5	40.2	47.9	55.6	59.9	62.4	64.9	66.1	66.2	66.9	67.7	67.7	67.7	67.7	68.6	69.6
IN 7000	23.0	41.5	49.3	57.2	61.5	64.1	66.5	67.8	68.0	68.6	69.4	69.4	69.4	69.4	70.4	71.3
IN 6000	23.3	41.7	49.5	57.6	61.9	64.5	66.9	68.2	68.4	69.0	69.9	69.9	69.9	69.9	70.8	71.7
IN 5000	24.0	43.6	51.7	59.9	64.2	66.8	69.2	70.8	70.9	71.6	72.4	72.4	72.4	72.4	73.4	74.3
IN 4500	25.0	45.4	53.6	62.0	66.4	69.2	71.6	73.2	73.4	74.2	75.0	75.0	75.0	75.0	75.9	76.9
IN 4000	25.0	46.2	54.4	63.3	68.2	71.1	73.5	75.1	75.2	76.3	77.1	77.1	77.1	77.1	78.1	79.0
IN 3500	25.0	46.3	54.5	63.4	68.5	71.5	74.0	75.9	76.0	77.3	78.1	78.1	78.1	78.1	79.0	79.9
IN 3000	25.7	47.2	55.6	64.7	70.1	73.1	75.8	77.7	77.8	79.0	79.8	79.8	79.8	79.8	80.8	81.7
IN 2500	25.7	47.4	55.7	64.9	70.4	73.4	76.0	77.9	78.1	79.3	80.1	80.1	80.1	80.1	81.0	82.0
IN 2000	25.7	47.5	55.9	65.0	70.5	73.5	76.2	78.1	78.2	79.5	80.3	80.3	80.5	80.5	81.4	82.4
IN 1800	25.7	47.5	55.9	65.0	70.5	73.5	76.2	78.1	78.2	79.5	80.3	80.3	80.5	80.5	81.4	82.4
IN 1500	25.7	48.0	56.5	66.1	71.7	74.7	77.5	79.4	79.5	81.0	81.8	81.8	82.0	82.0	82.9	83.8
IN 1200	26.0	48.3	56.8	66.8	72.4	75.6	78.5	80.3	80.5	82.0	82.8	82.8	82.9	82.9	83.8	84.8
IN 1000	26.0	48.9	57.5	67.8	73.8	77.0	79.9	81.8	82.0	83.7	84.5	84.5	84.7	84.7	85.6	86.5
IN 900	26.2	49.4	58.0	68.5	74.4	77.7	80.9	82.8	82.9	84.7	85.6	85.6	85.9	85.9	86.8	87.9
IN 800	26.2	49.7	58.3	68.8	74.8	78.2	81.4	83.4	83.6	85.5	86.4	86.4	86.7	86.7	87.6	88.7
IN 700	26.2	49.8	58.4	69.2	75.4	79.0	82.5	84.5	84.7	86.5	87.5	87.5	87.8	87.8	88.7	89.8
IN 600	26.4	50.2	58.8	70.0	76.2	79.9	83.7	85.7	85.9	87.8	88.7	88.7	89.1	89.1	90.0	91.1
IN 500	26.4	50.7	59.6	70.9	77.4	81.3	85.7	87.8	87.9	89.9	91.0	91.0	91.4	91.4	92.5	93.5
IN 400	26.4	50.9	60.0	71.3	77.8	81.7	86.5	89.2	89.4	91.8	92.9	92.9	93.3	93.3	94.3	95.4
IN 300	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.0	90.2	92.7	94.1	94.1	94.5	94.5	95.6	96.6
IN 200	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	96.5	97.6
IN 100	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	96.8	98.7
IN 0	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	23.8	43.5	47.3	51.2	52.2	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	27.4	52.7	59.1	63.8	65.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	28.2	54.3	60.8	66.0	67.7	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	28.5	54.8	61.3	66.5	68.3	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	28.6	55.2	61.7	67.1	69.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	28.6	55.5	62.4	67.9	69.8	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	29.2	56.6	63.4	69.6	71.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	29.3	58.1	64.9	71.4	73.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	29.7	58.5	65.3	72.0	74.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	30.9	60.6	67.7	74.5	76.5	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	31.5	62.0	69.8	77.0	79.0	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	32.0	63.7	72.0	80.0	82.3	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	32.3	64.4	72.8	81.0	83.6	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	32.9	66.0	75.3	83.9	86.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	33.3	67.5	77.2	86.7	89.8	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	33.5	68.4	78.2	88.4	92.1	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	33.5	68.8	78.8	89.2	93.1	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	33.5	69.0	79.7	89.9	93.8	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	33.5	69.1	79.2	90.5	94.5	96.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	33.5	69.1	79.6	90.9	94.9	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	33.5	69.2	79.7	91.1	95.4	96.9	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	33.5	69.2	79.7	91.3	95.7	97.2	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.6	39.7	45.7	48.3	49.3	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	28.6	46.4	53.8	58.3	59.8	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	30.9	49.3	57.3	62.2	63.7	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	31.9	50.9	58.9	63.7	65.2	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	32.0	51.6	59.9	65.2	66.8	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	32.3	52.3	60.3	66.0	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	32.4	52.6	60.6	66.3	67.9	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	32.9	53.2	62.0	67.6	69.2	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	33.9	54.6	63.3	69.6	71.2	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	34.3	57.9	66.7	73.4	75.1	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	34.9	59.0	68.9	75.3	77.2	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	37.1	62.2	72.2	79.2	81.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	38.2	65.7	76.9	84.3	86.4	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	38.6	67.6	79.4	87.0	89.2	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	38.6	68.4	80.2	88.2	90.5	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	38.6	69.9	82.0	90.3	92.7	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	38.6	70.7	82.8	91.3	94.0	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	38.6	71.4	83.9	92.1	94.9	96.5	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	38.6	71.8	83.9	92.6	95.4	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	38.6	71.8	83.9	92.6	95.4	97.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	38.6	71.9	84.0	92.7	95.6	97.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	38.6	71.9	84.0	92.9	95.6	97.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	38.6	71.9	84.0	93.0	96.1	98.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	26.6	39.8	47.0	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	31.5	49.8	57.7	62.6	63.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	32.3	51.0	59.4	64.3	65.4	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	33.5	52.5	61.4	66.6	67.8	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	33.8	53.8	63.1	68.5	69.9	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	35.1	56.0	65.8	71.6	73.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	35.3	56.4	66.4	72.1	73.8	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	35.7	56.8	66.8	72.5	74.3	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	35.9	57.7	67.8	73.6	75.4	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	36.5	59.4	69.7	75.8	77.5	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	37.6	61.4	73.2	80.1	82.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	38.0	62.2	74.2	81.3	83.6	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	38.1	62.9	75.4	82.9	85.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	38.2	64.3	77.0	85.1	87.8	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	38.5	65.4	78.1	86.3	89.0	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	38.6	65.9	78.6	87.1	89.8	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	38.9	66.8	79.5	88.4	91.3	92.6	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	39.2	67.6	80.3	89.5	92.3	93.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	39.2	67.7	80.6	90.2	93.1	94.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	39.2	68.0	81.0	90.7	93.7	95.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	39.2	68.0	81.0	90.8	93.8	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	39.2	68.0	81.0	91.0	93.9	95.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	39.2	68.4	81.4	91.8	94.8	96.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
≥ 500	39.2	68.4	81.4	91.8	94.9	96.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 400	39.2	68.4	81.4	91.8	95.0	97.2	98.9	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	28.0 31.4	40.5 48.5	46.8 55.6	50.7 61.4	53.6 65.1	54.6 66.6	54.9 67.0	55.0 67.2	55.0 67.2	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3
IV ≥ 18000 16000	31.4 31.4	48.5 48.6	55.6 55.7	61.4 61.5	65.1 65.3	66.6 66.8	67.0 67.2	67.2 67.3	67.2 67.3	67.3 67.3	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4
IV ≥ 14000 12000	31.5 32.0	49.0 50.6	56.4 58.1	62.2 65.9	65.9 70.0	67.4 71.7	67.8 72.1	68.0 72.3	68.0 72.3	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4
IV ≥ 10000 9000	33.4 33.6	53.2 54.0	60.8 61.8	69.2 70.3	73.4 74.4	75.2 76.3	75.6 76.7	75.8 76.9	75.8 76.9	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0
IV ≥ 8000 7000	34.2 34.7	56.3 56.9	64.2 65.0	72.9 73.9	77.8 79.3	79.9 81.4	80.5 82.0	80.6 82.1	80.6 82.1	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2
IV ≥ 6000 5000	34.7 35.3	56.9 58.4	65.1 66.8	74.0 75.6	79.4 81.0	81.6 83.2	82.1 83.6	82.2 84.0	82.2 84.0	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1
IV ≥ 4500 4000	35.5 36.6	59.4 60.8	67.7 69.6	76.9 79.3	82.4 85.1	84.5 87.2	85.5 88.2	85.6 88.3	85.6 88.3	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4
IV ≥ 3500 3000	36.7 37.0	61.1 61.6	70.1 70.9	79.8 80.9	85.6 86.8	87.8 89.0	88.7 89.9	88.8 90.0	88.8 90.0	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2
IV ≥ 2500 2000	37.1 37.1	62.0 62.2	71.5 71.6	81.4 81.7	87.3 87.6	89.5 89.8	90.4 90.8	90.6 91.0	90.6 91.0	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1
IV ≥ 1800 1500	37.1 37.1	62.3 62.6	71.7 72.0	82.1 82.4	88.0 88.4	90.2 90.7	91.3 91.8	91.4 92.2	91.4 92.2	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3
IV ≥ 1200 1000	37.1 37.1	63.1 63.1	72.7 72.7	83.2 83.6	89.4 90.0	91.8 92.5	92.9 93.5	93.3 93.9	93.3 93.9	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1
IV ≥ 900 800	37.1 37.1	63.3 63.3	72.8 72.9	83.8 84.3	90.3 90.7	92.7 93.1	93.8 94.2	94.2 94.6	94.2 94.6	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8
IV ≥ 700 600	37.1 37.1	63.4 63.5	73.2 73.5	84.5 85.3	91.0 91.9	93.5 94.5	94.6 96.0	95.0 96.4	95.0 96.4	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6
IV ≥ 500 400	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	92.7 93.0	95.3 95.7	96.8 97.2	97.3 97.8	97.3 97.8	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5
IV ≥ 300 200	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	93.0 93.0	96.0 96.0	97.6 97.7	98.5 98.7	98.7 98.8	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
IV ≥ 100 0	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	93.0 93.0	96.0 96.0	97.7 97.7	98.7 98.8	98.8 98.8	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 743

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USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	27.6	45.4	50.1	53.5	55.4	57.9	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	29.7	51.2	57.1	61.8	64.8	67.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	29.7	51.2	57.1	61.8	64.8	67.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000	29.7	51.2	57.1	61.8	64.8	67.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 14000	29.7	51.2	57.1	62.0	64.9	67.9	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	30.1	51.9	57.9	63.4	66.5	69.6	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	31.0	54.6	61.0	67.1	70.3	73.4	74.5	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	31.0	54.7	61.4	67.6	70.8	73.9	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	31.3	56.3	63.7	70.0	73.3	76.3	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	31.3	56.6	64.0	70.3	74.1	77.2	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	31.3	56.6	64.1	70.4	74.2	77.3	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 5000	32.3	58.5	66.5	73.0	76.7	80.1	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	33.2	59.8	68.0	74.6	78.8	82.3	83.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4000	33.6	60.9	69.2	75.9	80.1	83.6	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	33.9	61.4	69.8	76.5	80.6	84.1	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	34.0	61.8	70.3	77.2	81.5	84.9	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	34.4	62.5	71.0	77.8	82.1	85.6	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2000	34.4	62.9	71.4	78.2	82.8	86.3	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	34.5	63.3	71.8	79.0	83.6	87.2	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1500	34.8	63.7	72.2	79.4	84.1	87.8	89.1	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	34.8	64.1	72.6	80.1	84.8	88.6	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	34.8	64.2	72.7	80.5	85.2	89.0	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 900	34.8	64.4	72.8	80.6	85.3	89.1	90.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 800	34.8	64.5	73.0	81.0	85.8	89.5	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 700	34.8	65.5	73.9	82.1	86.8	90.6	92.2	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 600	34.8	65.7	74.2	82.7	87.5	91.3	92.9	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 500	35.2	66.4	75.3	84.1	89.1	93.0	94.6	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 400	35.2	66.5	75.4	84.3	89.4	93.3	95.0	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 300	35.3	66.7	75.5	84.4	89.5	93.5	95.3	96.1	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 200	35.3	66.7	75.5	84.5	89.7	93.7	95.7	96.6	96.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 100	35.3	66.7	75.5	84.5	89.9	94.0	96.0	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	35.3	66.7	75.5	84.5	89.9	94.0	96.0	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	25.1	39.4	44.5	48.4	50.3	51.5	52.5	53.0	53.0	53.2	53.3	53.3	53.5	53.5	53.7	53.9
≥ 20000	27.6	44.9	51.1	55.9	58.4	59.8	61.0	61.5	61.6	61.8	62.0	62.0	62.2	62.2	62.4	62.7
≥ 18000	27.6	45.0	51.2	56.0	58.5	59.9	61.1	61.6	61.6	61.9	62.0	62.0	62.3	62.3	62.5	62.7
≥ 16000	27.6	45.0	51.2	56.0	58.5	59.9	61.1	61.6	61.6	61.9	62.0	62.0	62.3	62.3	62.5	62.8
≥ 14000	27.7	45.2	51.5	56.3	58.8	60.2	61.4	61.9	61.9	62.2	62.3	62.3	62.6	62.6	62.8	63.0
≥ 12000	28.1	46.1	52.6	58.1	60.8	62.2	63.5	64.0	64.0	64.3	64.4	64.4	64.7	64.7	64.9	65.2
≥ 10000	29.4	48.4	55.3	61.3	64.2	65.7	67.0	67.6	67.6	67.9	68.0	68.0	68.3	68.3	68.5	68.7
≥ 9000	29.6	49.0	56.1	62.2	65.1	66.7	68.0	68.5	68.5	68.8	69.0	69.0	69.2	69.2	69.4	69.7
≥ 8000	30.2	50.7	58.2	64.7	67.8	69.4	70.8	71.4	71.4	71.7	71.9	71.9	72.1	72.1	72.3	72.6
≥ 7000	30.5	51.5	59.1	65.7	69.0	70.6	72.0	72.6	72.6	72.9	73.1	73.1	73.3	73.3	73.5	73.8
≥ 6000	30.7	51.8	59.4	66.1	69.4	71.0	72.5	73.0	73.0	73.4	73.5	73.5	73.7	73.8	74.0	74.2
≥ 5000	31.3	53.1	61.1	67.8	71.1	72.8	74.3	74.9	74.9	75.2	75.4	75.4	75.6	75.6	75.8	76.1
≥ 4500	32.0	54.7	62.8	69.8	73.2	75.0	76.5	77.2	77.2	77.5	77.7	77.7	77.9	77.9	78.1	78.4
≥ 4000	32.6	56.3	64.7	72.1	75.7	77.6	79.2	79.8	79.9	80.2	80.4	80.4	80.6	80.6	80.9	81.1
≥ 3500	33.0	57.0	65.6	73.0	76.7	78.6	80.2	80.9	80.9	81.3	81.5	81.5	81.7	81.7	81.9	82.2
≥ 3000	33.6	58.1	67.0	74.7	78.6	80.5	82.1	82.8	82.8	83.2	83.4	83.4	83.6	83.6	83.8	84.1
≥ 2500	33.9	59.1	68.3	76.2	80.1	82.1	83.7	84.4	84.4	84.9	85.0	85.0	85.2	85.3	85.5	85.8
≥ 2000	34.0	59.9	69.2	77.3	81.4	83.4	85.1	85.8	85.8	86.2	86.4	86.4	86.7	86.7	86.9	87.2
≥ 1800	34.1	60.2	69.6	77.9	82.0	84.0	85.7	86.5	86.5	86.9	87.1	87.1	87.3	87.4	87.6	87.9
≥ 1500	34.3	61.0	70.5	79.1	83.3	85.4	87.2	88.0	88.0	88.4	88.6	88.6	88.9	88.9	89.1	89.4
≥ 1200	34.4	61.5	71.2	80.0	84.3	86.5	88.4	89.1	89.1	89.6	89.8	89.8	90.0	90.0	90.2	90.5
≥ 1000	34.4	62.0	71.7	80.9	85.4	87.7	89.6	90.4	90.4	90.9	91.1	91.1	91.3	91.3	91.5	91.8
≥ 900	34.5	62.3	72.1	81.4	85.9	88.2	90.2	91.0	91.0	91.5	91.7	91.7	92.0	92.0	92.2	92.5
≥ 800	34.6	62.4	72.3	81.7	86.2	88.6	90.7	91.5	91.5	92.0	92.2	92.2	92.5	92.5	92.7	93.0
≥ 700	34.6	62.7	72.6	82.2	86.8	89.2	91.3	92.2	92.2	92.8	92.9	92.9	93.2	93.2	93.5	93.8
≥ 600	34.7	62.9	72.9	82.7	87.3	89.8	92.1	92.9	93.0	93.6	93.8	93.8	94.1	94.1	94.3	94.7
≥ 500	34.8	63.2	73.4	83.4	88.1	90.7	93.3	94.2	94.2	94.9	95.1	95.1	95.4	95.5	95.7	96.0
≥ 400	34.8	63.2	73.5	83.6	88.4	91.0	93.8	94.8	94.9	95.7	95.9	95.9	96.3	96.3	96.6	96.9
≥ 300	34.8	63.3	73.6	83.7	88.6	91.3	94.1	95.3	95.3	96.4	96.7	96.7	97.1	97.1	97.4	97.7
≥ 200	34.8	63.3	73.6	83.7	88.7	91.4	94.3	95.6	95.6	96.9	97.3	97.3	97.7	97.8	98.2	98.5
≥ 100	34.8	63.3	73.6	83.7	88.7	91.4	94.4	95.6	95.7	97.1	97.4	97.4	98.1	98.2	98.6	99.2
≥ 0	34.8	63.3	73.6	83.7	88.7	91.4	94.4	95.6	95.7	97.1	97.4	97.4	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5948

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	21.6	38.6	43.3	46.9	49.9	51.1	52.8	53.0	53.0	53.5	53.5	53.5	54.2	54.2	54.3	54.3
≥ 18000	24.6	44.6	50.5	55.0	58.1	59.3	61.0	61.2	61.2	61.7	61.7	61.7	62.4	62.4	62.5	62.5
≥ 16000	24.6	44.6	50.5	55.0	58.1	59.3	61.0	61.2	61.2	61.7	61.7	61.7	62.4	62.4	62.5	62.5
≥ 14000	24.6	45.0	50.9	55.4	58.5	59.7	61.4	61.6	61.6	62.1	62.1	62.1	62.8	62.8	62.9	62.9
≥ 12000	25.4	47.0	53.0	57.7	60.9	62.1	64.0	64.1	64.1	64.7	64.7	64.7	65.3	65.3	65.5	65.5
≥ 10000	27.0	50.0	55.9	60.8	64.2	65.5	67.3	67.5	67.5	68.0	68.0	68.0	68.7	68.7	68.8	68.8
≥ 9000	27.8	51.2	57.1	62.4	65.9	67.1	69.0	69.1	69.1	69.6	69.6	69.6	70.3	70.3	70.4	70.4
≥ 8000	29.0	53.6	59.7	65.5	69.1	70.3	72.3	72.4	72.4	73.0	73.0	73.0	73.7	73.7	73.8	73.8
≥ 7000	29.0	53.6	59.7	65.7	69.4	70.6	72.6	72.7	72.7	73.3	73.3	73.3	73.9	73.9	74.1	74.1
≥ 6000	29.2	53.8	59.8	66.0	69.6	70.8	72.8	73.0	73.0	73.5	73.5	73.5	74.2	74.2	74.3	74.3
≥ 5000	30.1	55.9	62.4	68.7	72.3	73.7	75.7	75.8	75.8	76.3	76.3	76.3	77.0	77.0	77.2	77.2
≥ 4500	30.9	57.1	63.6	69.9	73.5	75.0	77.0	77.2	77.2	77.7	77.7	77.7	78.4	78.4	78.5	78.5
≥ 4000	31.6	59.4	65.9	72.4	76.2	77.8	79.8	80.0	80.0	80.5	80.5	80.5	81.2	81.2	81.3	81.3
≥ 3500	32.0	60.5	66.9	73.5	77.3	78.9	80.9	81.0	81.0	81.6	81.6	81.6	82.3	82.3	82.4	82.4
≥ 3000	32.5	61.3	67.9	74.5	78.2	79.8	81.9	82.0	82.0	82.5	82.5	82.5	83.2	83.2	83.3	83.3
≥ 2500	32.8	62.1	68.7	75.4	79.2	80.9	82.9	83.1	83.1	83.6	83.6	83.6	84.3	84.3	84.4	84.4
≥ 2000	33.9	63.6	70.2	77.4	81.2	82.9	84.9	85.2	85.2	85.8	85.8	85.8	86.4	86.4	86.6	86.6
≥ 1800	33.9	63.6	70.2	77.6	81.3	83.1	85.1	85.3	85.3	85.9	85.9	85.9	86.6	86.6	86.7	86.7
≥ 1500	33.9	64.0	70.6	78.0	81.7	83.5	85.5	86.0	86.0	86.7	86.7	86.7	87.4	87.4	87.5	87.5
≥ 1200	33.9	64.4	71.0	78.5	82.4	84.1	86.3	86.8	86.8	87.5	87.5	87.5	88.2	88.2	88.3	88.3
≥ 1000	33.9	64.8	71.5	79.0	83.1	84.8	87.1	87.6	87.6	88.3	88.3	88.3	89.0	89.0	89.1	89.1
≥ 900	34.0	65.2	71.9	79.4	83.5	85.2	87.5	88.0	88.0	89.0	89.0	89.0	89.7	89.7	89.8	89.8
≥ 800	34.0	65.6	72.3	80.1	84.1	86.2	88.4	89.0	89.0	89.9	89.9	89.9	90.6	90.6	90.7	90.7
≥ 700	34.0	66.1	72.8	80.8	85.2	87.4	89.7	90.2	90.2	91.1	91.1	91.1	91.8	91.8	91.9	91.9
≥ 600	34.0	66.3	73.0	81.3	85.8	88.0	90.3	90.9	90.9	91.8	91.8	91.8	92.5	92.5	92.6	92.6
≥ 500	34.0	66.3	73.3	82.1	86.6	88.8	91.1	91.7	91.7	92.6	92.6	92.6	93.3	93.3	93.4	93.4
≥ 400	34.0	66.8	74.1	83.1	87.6	89.9	92.2	92.7	92.7	93.8	93.8	93.8	94.5	94.5	94.6	94.6
≥ 300	34.0	66.9	74.2	83.3	87.9	90.5	92.9	93.7	93.7	94.8	95.0	95.0	95.7	95.7	96.0	96.0
≥ 200	34.0	66.9	74.2	83.3	87.9	90.5	93.3	94.4	94.4	95.4	95.7	95.7	97.0	97.0	97.4	97.4
≥ 100	34.0	66.9	74.2	83.3	87.9	90.5	93.3	94.4	94.4	95.7	96.1	96.1	97.6	97.6	98.4	98.8
≥ 0	34.0	66.9	74.2	83.3	87.9	90.5	93.3	94.4	94.4	95.7	96.1	96.1	97.7	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	18.5	32.5	37.1	42.5	46.1	47.0	49.3	50.5	50.5	51.2	51.3	51.3	52.8	52.8	53.8	54.2
≥ 20000	20.2	37.6	43.0	49.2	54.2	55.2	57.8	59.0	59.0	60.2	60.5	60.5	62.0	62.0	62.9	63.3
≥ 18000	20.2	37.6	43.0	49.2	54.2	55.2	57.8	59.0	59.0	60.2	60.5	60.5	62.0	62.0	62.9	63.3
≥ 16000	20.2	37.6	43.0	49.2	54.2	55.2	57.8	59.0	59.0	60.2	60.5	60.5	62.0	62.0	62.9	63.3
≥ 14000	20.3	37.9	43.3	49.5	54.4	55.5	58.1	59.3	59.3	60.5	60.8	60.8	62.2	62.2	63.2	63.6
≥ 12000	21.1	39.1	44.5	50.7	55.6	56.7	59.3	60.5	60.5	61.7	62.0	62.0	63.4	63.4	64.4	64.8
≥ 10000	22.6	41.1	47.2	53.5	58.5	59.5	62.1	63.3	63.3	64.5	64.8	64.8	66.3	66.3	67.2	67.6
≥ 9000	22.6	41.3	47.3	53.8	58.7	59.8	62.4	63.6	63.6	64.8	65.1	65.1	66.5	66.5	67.5	67.9
≥ 8000	24.1	44.4	50.4	57.5	62.8	63.8	66.4	67.6	67.6	69.0	69.2	69.2	70.8	70.9	71.8	72.2
≥ 7000	24.5	44.8	50.8	57.9	63.2	64.2	66.9	68.1	68.1	69.5	69.8	69.8	71.4	71.4	72.3	72.7
≥ 6000	24.5	44.8	50.8	57.9	63.2	64.2	67.1	68.3	68.3	69.6	69.9	69.9	71.5	71.5	72.4	72.8
≥ 5000	25.4	46.2	52.3	59.5	64.8	65.9	68.7	69.9	69.9	71.2	71.5	71.5	73.1	73.1	74.1	74.5
≥ 4500	26.1	47.3	53.5	60.9	66.1	67.2	70.0	71.4	71.4	72.7	73.0	73.0	74.6	74.6	75.5	75.9
≥ 4000	27.0	48.8	55.2	62.8	68.3	69.4	72.2	73.5	73.5	74.9	75.1	75.1	76.7	76.7	77.7	78.1
IV 3500	27.4	49.7	56.5	64.0	69.5	70.6	73.4	74.7	74.7	76.1	76.3	76.3	78.0	78.0	78.9	79.3
IV 3000	28.9	51.3	58.1	65.6	71.1	72.2	75.0	76.3	76.3	77.7	78.0	78.0	79.6	79.6	80.5	80.9
≥ 2500	29.6	52.4	59.1	66.9	72.4	73.5	76.5	77.8	77.8	79.2	79.4	79.4	81.0	81.0	82.0	82.4
≥ 2000	30.6	53.8	60.9	68.8	74.3	75.4	78.4	79.7	79.7	81.0	81.3	81.3	82.9	82.9	83.9	84.3
≥ 1800	30.8	54.0	61.2	69.1	74.6	75.7	78.6	80.0	80.0	81.3	81.6	81.6	83.2	83.2	84.1	84.5
IV 1500	30.9	54.8	62.1	70.2	75.9	77.0	80.1	81.5	81.5	82.9	83.2	83.2	84.8	84.8	85.8	86.2
≥ 1200	30.9	55.0	62.2	70.4	76.2	77.3	80.4	81.7	81.7	83.2	83.5	83.5	85.1	85.1	86.0	86.4
IV 1000	31.0	55.4	62.8	71.2	77.2	78.4	81.6	83.1	83.1	84.5	84.8	84.8	86.7	86.7	87.8	88.2
IV 900	31.0	55.5	62.9	71.4	77.3	78.5	81.9	83.3	83.3	84.8	85.1	85.1	87.0	87.0	88.0	88.4
IV 800	31.0	56.0	63.4	72.0	78.1	79.4	82.8	84.3	84.3	85.8	86.0	86.0	87.9	87.9	89.0	89.4
IV 700	31.0	56.9	64.4	73.1	79.2	80.5	83.9	85.3	85.3	86.8	87.1	87.1	89.0	89.0	90.1	90.5
IV 600	31.0	57.9	65.5	74.3	80.4	82.0	85.8	87.4	87.4	88.8	89.1	89.1	91.0	91.0	92.1	92.5
IV 500	31.0	58.1	65.7	75.0	81.3	82.9	86.7	88.3	88.3	89.8	90.1	90.1	92.1	92.1	93.1	93.5
IV 400	31.0	58.5	66.1	75.4	81.7	83.3	87.2	89.1	89.1	90.6	90.9	90.9	93.1	93.1	94.2	94.6
IV 300	31.0	58.5	66.1	75.9	82.4	84.0	87.9	90.1	90.1	91.5	91.8	91.8	94.1	94.1	95.2	95.6
IV 200	31.0	58.5	66.1	76.1	82.5	84.1	88.0	90.3	90.3	92.1	92.3	92.3	95.6	95.6	96.6	97.0
IV 100	31.0	58.5	66.1	76.1	82.5	84.1	88.2	90.5	90.5	92.2	92.6	92.6	95.8	95.8	97.6	98.0
IV 0	31.0	58.5	66.1	76.1	82.5	84.1	88.2	90.5	90.5	92.2	92.6	92.6	95.8	95.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥2000	12.5 14.2	26.6 30.1	30.8 35.1	36.3 41.8	40.7 46.6	43.1 49.6	45.2 52.4	46.6 53.9	46.6 53.9	48.5 55.9	49.3 56.7	49.3 56.7	49.9 57.3	49.9 57.3	50.3 57.7	50.4 57.9
IV 1800 IV 1600	14.2 14.4	30.1 30.2	35.1 35.2	41.8 41.9	46.6 46.8	49.6 49.7	52.4 52.6	53.9 54.0	53.9 54.0	55.9 56.0	56.7 56.9	56.7 56.9	57.3 57.4	57.3 57.4	57.7 57.8	57.9 58.1
IV 1400 IV 1200	14.4 14.7	30.4 31.5	35.3 36.8	42.5 44.2	47.4 49.3	50.4 52.4	53.2 55.4	54.7 56.9	54.7 56.9	56.7 58.9	57.5 59.7	57.5 59.7	58.1 60.2	58.1 60.2	58.5 60.6	58.7 60.9
IV 1000 IV 900	15.5 15.5	34.4 34.7	40.1 40.5	46.3 48.8	53.8 54.3	57.0 57.5	59.9 60.5	61.7 62.4	61.7 62.4	64.0 64.7	64.8 65.5	64.8 65.5	65.3 66.0	65.3 66.0	65.7 66.4	66.0 66.7
IV 800 IV 700	16.3 17.1	36.2 37.2	42.6 43.7	51.7 52.8	57.7 58.7	61.2 62.2	64.4 65.5	66.5 67.7	66.5 67.7	69.1 70.3	69.9 71.1	69.9 71.1	70.4 71.6	70.4 71.6	70.8 72.0	71.1 72.3
IV 600 IV 500	17.1 17.6	37.2 38.2	43.7 44.6	52.8 54.0	58.7 6.3	62.2 63.8	65.7 67.5	68.0 69.9	68.0 69.9	70.6 72.4	71.4 73.3	71.4 73.3	71.9 73.8	71.9 73.8	72.3 74.2	72.6 74.5
IV 450 IV 400	18.1 18.3	38.8 39.1	45.3 45.6	55.0 55.8	61.4 62.5	64.9 66.0	68.7 70.0	71.1 72.4	71.1 72.4	73.7 75.0	74.5 75.8	74.5 75.8	75.0 76.3	75.0 76.3	75.4 76.7	75.7 77.0
IV 350 IV 300	18.5 18.5	39.4 39.8	45.8 46.2	56.3 56.7	63.0 63.4	66.5 66.9	70.7 71.2	73.4 73.9	73.4 73.9	75.9 76.6	76.7 77.4	76.7 77.4	77.3 78.0	77.3 78.0	77.7 79.4	78.0 78.6
IV 250 IV 200	19.1 20.0	40.9 42.6	47.3 49.2	57.8 60.1	64.5 66.8	68.1 70.6	72.4 74.9	75.1 77.6	75.1 77.6	77.8 80.2	78.6 81.0	78.6 81.0	79.2 81.6	79.2 81.6	79.6 82.7	79.8 82.3
IV 180 IV 150	20.3 20.4	43.4 43.8	50.0 50.4	60.9 61.3	67.6 68.0	71.4 71.8	75.8 76.5	78.5 79.3	78.5 79.3	81.2 82.0	82.0 82.8	82.0 82.8	82.5 83.3	82.5 83.3	82.9 83.7	83.2 84.0
IV 120 IV 100	20.6 20.6	44.2 45.0	51.1 51.9	62.1 63.2	69.0 70.2	72.7 73.9	77.6 78.9	80.4 82.3	80.4 82.3	83.1 84.9	84.0 85.9	84.0 85.9	84.5 86.6	84.5 86.6	84.9 87.0	85.2 87.2
IV 90 IV 80	20.6 20.6	45.0 45.3	51.9 52.2	63.2 64.2	70.2 71.4	74.1 75.4	79.0 80.6	82.5 84.1	82.5 84.1	85.2 86.8	86.2 87.8	86.2 87.8	87.0 88.6	87.0 88.6	87.4 89.0	87.6 89.2
IV 70 IV 60	20.8 20.8	45.8 46.0	53.0 53.1	65.1 65.6	72.4 73.4	76.5 77.6	81.7 83.1	85.2 86.6	85.2 86.6	88.0 89.4	89.0 90.3	89.0 90.3	89.8 91.1	89.8 91.1	90.2 91.5	90.5 91.8
IV 50 IV 40	21.0 21.0	46.2 46.4	53.8 53.9	66.9 67.2	75.1 75.5	79.4 80.0	85.1 85.9	88.6 89.7	88.6 89.7	91.7 93.0	92.6 94.1	92.6 94.1	93.4 95.0	93.4 95.0	93.8 95.4	94.1 95.7
IV 30 IV 20	21.0 21.0	46.4 46.4	53.9 53.9	67.3 67.3	75.8 75.8	80.5 80.5	86.6 86.6	90.6 90.6	90.6 90.6	94.2 94.4	95.4 95.7	95.4 95.7	96.6 97.0	96.6 97.0	97.0 97.6	97.3 97.8
IV 10 IV 0	21.0 21.0	46.4 46.4	53.9 53.9	67.3 67.3	75.8 75.8	80.5 80.5	86.6 86.6	90.6 90.6	90.6 90.6	94.4 94.4	96.0 96.0	96.0 96.0	97.6 97.6	97.6 97.6	98.7 98.7	99.2 100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥¼	≥0
NO CEILING	16.8	39.0	46.5	51.6	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	19.1	43.5	51.5	57.3	59.5	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	19.1	43.5	51.5	57.3	59.5	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	19.1	43.7	51.6	57.4	59.7	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	19.1	44.2	52.2	57.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	19.9	46.4	54.4	60.2	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	20.2	47.7	56.0	62.2	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	20.2	48.1	56.5	62.6	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	20.8	49.7	58.3	65.2	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	21.4	50.3	59.7	65.9	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	21.5	50.5	59.3	66.4	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	21.8	51.2	60.1	67.2	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	22.3	51.7	60.8	67.9	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	23.0	52.6	61.4	69.4	72.3	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	23.3	53.2	62.1	70.0	73.0	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	24.5	54.8	63.8	72.2	75.4	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	25.5	56.7	66.0	74.6	78.0	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	26.6	59.9	69.5	78.2	81.6	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	27.0	61.3	71.0	80.1	83.5	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	27.9	63.0	73.1	82.8	86.2	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	27.8	64.2	74.9	85.1	88.7	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	28.1	65.7	76.6	87.0	91.1	92.2	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	28.1	66.3	77.4	88.0	92.3	93.5	94.2	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	28.2	66.9	78.1	88.8	93.3	94.5	95.2	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	28.2	67.1	78.2	89.2	93.8	95.0	95.8	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	28.2	67.8	78.9	90.2	94.9	96.1	96.9	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	28.2	67.8	79.0	90.5	95.2	96.5	97.3	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	28.2	67.8	79.0	90.6	95.4	96.9	97.8	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	20.8	41.2	45.8	50.3	51.5	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 18000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 16000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 14000	23.6	49.1	54.3	59.4	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 12000	23.9	50.0	55.3	60.4	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	24.5	52.3	57.8	63.2	64.4	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 9000	24.8	53.0	58.5	63.9	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 8000	25.1	53.8	59.7	65.1	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 7000	25.9	54.6	60.5	65.9	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 6000	26.3	55.0	60.9	66.4	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000	26.8	55.7	61.6	67.3	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	28.0	57.5	63.9	69.7	71.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	28.8	59.7	67.1	73.0	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 3500	29.5	61.5	69.5	76.0	77.2	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	29.9	63.1	72.1	79.1	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2500	30.9	65.2	75.5	82.6	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2000	31.4	67.9	79.4	87.1	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	32.1	68.9	80.9	88.7	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1500	32.7	70.1	82.3	90.4	92.0	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1200	32.7	77.6	83.0	91.1	92.7	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	32.7	71.7	84.6	92.7	94.7	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	32.9	72.2	85.2	93.4	95.6	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	33.0	72.4	85.3	93.9	96.1	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	33.0	72.5	85.6	94.3	96.5	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	33.0	72.9	86.7	94.7	97.0	97.7	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	33.2	73.0	86.3	95.1	97.4	98.2	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	22.1 25.7	42.4 50.3	48.3 58.0	51.7 61.9	52.5 63.0	52.9 63.4	52.9 63.4	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8	53.3 63.8
IV 18000 IV 16000	25.7 25.7	50.3 50.3	58.0 58.0	61.9 61.9	63.0 63.0	63.4 63.4	63.4 63.4	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8	63.8 63.8
IV 14000 IV 12000	25.7 26.8	50.9 53.0	58.8 61.1	62.7 65.0	63.8 66.5	64.2 66.9	64.2 66.9	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3	64.6 67.3
IV 10000 IV 9500	27.1 27.3	54.5 55.5	63.3 64.2	67.3 68.2	68.8 69.7	69.2 70.1	69.2 70.1	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5	69.6 70.5
IV 8000 IV 7000	28.0 28.5	57.2 58.1	66.2 67.2	70.4 71.3	72.3 73.2	72.7 73.6	72.7 73.6	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0	73.1 74.0
IV 6000 IV 5000	28.5 28.9	58.1 58.5	67.2 67.6	71.3 71.7	73.2 73.6	73.6 74.0	73.6 74.0	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4	74.0 74.4
IV 4500 IV 4000	29.9 30.1	60.2 61.2	69.3 70.8	73.8 75.8	75.6 77.8	76.0 78.2	76.0 78.2	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6	76.4 78.6
IV 3500 IV 3000	30.1 30.7	61.5 63.3	71.9 74.0	77.1 79.5	79.1 82.0	79.7 82.5	79.7 82.5	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9	80.1 82.9
IV 2500 IV 2000	31.4 31.5	64.7 66.5	75.8 78.1	81.6 84.1	84.3 87.2	84.8 87.9	84.9 88.0	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4	85.3 88.4
IV 1800 IV 1500	32.2 32.3	67.8 69.4	79.5 81.8	85.6 88.2	88.7 91.9	89.4 92.6	89.5 92.7	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1	89.9 93.1
IV 1200 IV 1000	32.3 32.3	70.0 70.8	83.0 83.8	89.4 90.4	93.3 94.9	93.9 95.6	94.1 95.7	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1	94.5 96.1
IV 900 IV 800	32.3 32.3	71.2 71.3	84.3 84.4	91.4 91.5	95.8 96.2	96.5 96.9	96.6 97.0	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4
IV 700 IV 600	32.3 32.3	71.3 72.3	84.5 85.5	91.8 92.9	96.5 97.7	97.2 98.4	97.3 98.5	97.7 98.9	97.7 98.9	97.7 99.1	97.7 99.1	97.7 99.1	97.7 99.1	97.7 99.1	97.7 99.1	97.7 99.1
IV 500 IV 400	32.3 32.3	72.3 72.3	85.5 85.5	93.0 93.0	97.8 97.8	98.5 98.7	98.8 98.9	99.5 99.6	99.5 99.6	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV 300 IV 200	32.3 32.3	72.3 72.3	85.5 85.5	93.0 93.0	97.8 97.8	98.7 98.7	98.9 98.9	99.6 99.6	99.6 99.6	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 IV 0	32.3 32.3	72.3 72.3	85.5 85.5	93.0 93.0	97.8 97.8	98.7 98.7	98.9 98.9	99.6 99.6	99.6 99.6	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/4	≥0
NO CEILING ≥ 20000	23.4	41.0	46.8	52.2	53.2	54.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	26.9	48.0	55.3	61.9	63.3	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	26.8	48.0	55.3	61.9	63.3	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	26.8	48.3	56.0	62.6	63.9	64.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	27.7	49.9	58.0	64.6	65.9	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	28.4	53.0	61.6	68.4	69.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	28.8	53.7	62.3	69.0	70.5	71.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	29.5	56.4	65.5	72.4	74.3	75.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	29.5	56.7	66.1	72.9	74.8	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	29.5	56.7	66.1	72.9	74.8	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	29.7	57.5	66.9	73.8	75.9	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	30.0	58.7	68.2	75.1	77.4	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	30.3	59.5	69.2	76.6	79.0	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	30.4	60.0	69.7	77.1	79.5	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	31.1	61.5	71.5	79.4	81.8	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	31.4	62.6	72.5	80.6	83.0	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	31.4	62.9	73.1	81.8	84.4	86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	31.4	63.1	73.4	82.1	84.8	86.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	31.4	64.2	74.8	83.8	86.9	88.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	31.5	64.7	75.6	84.9	88.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 1000	31.5	65.1	76.7	86.5	89.6	91.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7
≥ 900	31.5	65.1	77.1	87.2	90.3	92.3	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
≥ 800	31.5	65.3	77.4	87.6	90.7	92.7	94.6	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 700	31.5	65.7	77.9	88.8	92.1	94.1	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 600	31.5	65.9	78.3	89.2	92.5	94.5	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 500	31.5	66.4	78.7	89.9	93.1	95.2	97.6	98.1	98.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	31.5	66.6	79.0	90.2	93.4	95.4	97.8	98.4	98.4	99.2	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	24.2	43.3	46.6	54.1	56.0	57.7	59.0	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	27.9	51.8	58.8	65.4	67.7	69.4	70.8	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	28.1	52.2	59.2	65.8	68.1	69.9	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	29.1	54.8	62.0	68.6	71.1	72.8	74.2	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	29.6	55.7	63.0	69.6	72.0	73.8	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	29.6	56.1	63.5	70.3	72.7	74.4	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	30.6	58.0	65.5	72.3	74.8	76.6	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	31.2	59.9	67.6	74.3	76.9	78.6	79.9	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	32.3	61.6	69.7	76.4	79.3	81.0	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	32.6	62.2	70.4	77.1	79.9	81.7	83.0	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	33.1	63.4	71.7	78.6	81.4	83.3	84.7	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	33.5	63.9	72.3	79.1	82.0	83.8	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	33.5	64.5	72.9	80.6	83.7	85.6	86.9	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	33.5	64.5	72.9	80.6	83.7	85.6	87.1	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	33.5	64.7	73.8	81.8	85.1	87.1	88.7	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	33.5	64.9	74.0	82.1	85.3	87.3	89.0	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	33.6	65.9	75.2	83.8	87.1	89.1	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	33.9	66.2	75.5	84.1	87.3	89.4	91.0	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	34.1	66.4	75.8	84.5	87.8	90.2	91.8	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	34.2	66.8	76.2	85.2	89.0	91.4	93.1	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	34.2	66.8	76.2	85.5	89.2	91.8	93.5	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	34.3	67.4	76.9	86.5	90.4	93.3	95.3	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	34.3	68.0	77.7	87.5	91.4	94.3	96.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	34.3	68.1	77.8	87.8	91.8	94.8	97.6	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	34.3	68.1	77.8	87.9	91.9	95.0	97.8	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	34.3	68.1	77.8	87.9	91.9	95.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	34.3	68.1	77.8	87.9	91.9	95.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373C

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	19.9	38.1	43.4	48.2	50.4	51.4	52.5	53.0	53.0	53.4	53.5	53.5	53.5	53.8	54.0	54.1
≥ 20000	22.5	43.8	50.2	55.8	58.4	59.5	60.7	61.2	61.2	61.7	61.8	61.8	62.2	62.2	62.4	62.4
≥ 18000	22.5	43.8	50.2	55.8	58.4	59.5	60.7	61.2	61.2	61.7	61.8	61.8	62.2	62.2	62.4	62.4
≥ 16000	22.5	43.8	50.2	55.8	58.5	59.5	60.8	61.2	61.2	61.7	61.9	61.9	62.2	62.2	62.4	62.5
≥ 14000	22.6	44.2	50.7	56.4	59.0	60.1	61.3	61.8	61.8	62.3	62.4	62.4	62.7	62.7	62.9	63.0
≥ 12000	23.2	45.7	52.3	58.1	60.8	61.9	63.2	63.6	63.6	64.1	64.3	64.3	64.6	64.6	64.8	64.9
≥ 10000	24.1	48.1	55.1	61.1	64.0	65.2	66.4	66.9	66.9	67.5	67.6	67.6	67.9	67.9	68.1	68.2
≥ 9000	24.4	48.7	55.7	61.8	64.7	65.9	67.1	67.6	67.6	68.2	68.3	68.3	68.6	68.6	68.8	68.9
≥ 8000	25.2	50.7	58.1	64.6	67.7	68.9	70.2	70.7	70.7	71.3	71.4	71.4	71.8	71.8	72.0	72.1
≥ 7000	25.7	51.4	58.7	65.3	68.4	69.6	70.9	71.5	71.5	72.1	72.2	72.2	72.6	72.6	72.7	72.8
≥ 6000	25.8	51.5	58.9	65.5	68.6	69.9	71.2	71.8	71.8	72.4	72.5	72.5	72.9	72.9	73.1	73.1
≥ 5000	26.4	52.6	60.1	66.8	70.0	71.3	72.6	73.2	73.2	73.8	74.0	74.0	74.3	74.3	74.5	74.6
≥ 4500	27.1	53.9	61.5	68.3	71.5	72.8	74.2	74.8	74.8	75.4	75.6	75.6	75.9	75.9	76.1	76.2
≥ 4000	27.7	55.2	63.1	70.3	73.7	75.0	76.4	77.0	77.0	77.6	77.8	77.8	78.1	78.1	78.3	78.4
≥ 3500	28.0	56.0	64.1	71.4	74.8	76.1	77.6	78.3	78.3	78.8	79.0	79.0	79.3	79.3	79.5	79.6
≥ 3000	28.7	57.3	65.7	73.2	76.7	78.0	79.5	80.2	80.2	80.8	80.9	80.9	81.3	81.3	81.5	81.6
≥ 2500	29.3	58.6	67.1	74.8	78.4	79.8	81.3	82.1	82.1	82.7	82.8	82.8	83.2	83.2	83.3	83.4
≥ 2000	29.9	60.2	69.1	77.3	81.0	82.4	83.9	84.7	84.7	85.3	85.4	85.4	85.8	85.8	86.0	86.0
≥ 1800	30.1	60.8	69.9	78.1	81.8	83.3	84.8	85.6	85.6	86.2	86.3	86.3	86.7	86.7	86.9	86.9
≥ 1500	30.4	61.8	71.1	79.6	83.5	85.0	86.7	87.5	87.5	88.1	88.2	88.2	88.6	88.6	88.8	88.9
≥ 1200	30.4	62.2	71.9	80.4	84.4	86.0	87.7	88.5	88.5	89.2	89.3	89.3	89.7	89.7	89.9	89.9
≥ 1000	30.5	63.1	72.9	81.7	86.0	87.6	89.5	90.4	90.4	91.0	91.2	91.2	91.6	91.6	91.8	91.9
≥ 900	30.5	63.3	73.3	82.3	86.5	88.2	90.1	91.0	91.0	91.7	91.9	91.9	92.3	92.3	92.6	92.6
≥ 800	30.6	63.6	73.6	82.8	87.2	89.0	90.9	91.9	91.9	92.6	92.8	92.8	93.2	93.2	93.4	93.5
≥ 700	30.6	64.0	74.1	83.5	88.1	89.9	91.8	92.8	92.8	93.5	93.7	93.7	94.2	94.2	94.4	94.5
≥ 600	30.6	64.5	74.5	84.2	88.9	90.8	92.8	93.8	93.8	94.6	94.8	94.8	95.2	95.2	95.4	95.5
≥ 500	30.7	64.7	74.9	84.9	89.6	91.6	93.8	95.0	95.0	95.9	96.1	96.1	96.6	96.6	96.8	96.8
≥ 400	30.7	64.9	75.2	85.3	90.1	92.1	94.4	95.7	95.7	96.7	97.0	97.0	97.5	97.5	97.7	97.8
≥ 300	30.7	65.0	75.3	85.5	90.3	92.5	94.9	96.3	96.3	97.4	97.7	97.7	98.2	98.2	98.5	98.5
≥ 200	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	97.9	97.9	98.7	98.7	98.9	99.0
≥ 100	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	98.0	98.0	98.9	98.9	99.3	99.5
≥ 0	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	98.0	98.0	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	34.2	46.5	49.4	51.4	52.4	52.9	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	55.0
≥ 18000	37.1	50.8	53.8	55.7	56.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.4
≥ 16000	37.1	50.8	53.8	55.7	56.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.4
≥ 14000	37.1	50.8	53.8	55.7	56.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.4
≥ 12000	37.9	51.7	55.0	56.9	58.2	58.8	59.3	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.7
≥ 10000	40.0	54.6	58.5	60.8	62.1	62.6	63.2	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.7
≥ 9000	40.0	55.0	58.9	61.3	62.5	63.1	63.6	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	66.1
≥ 8000	42.5	58.6	62.5	64.9	66.1	66.7	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.7
≥ 7000	43.2	59.4	63.3	65.7	66.9	67.5	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	70.6
≥ 6000	43.5	60.0	63.9	66.3	67.5	68.1	68.6	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	71.1
≥ 5000	44.7	61.8	65.8	68.3	69.6	70.1	70.7	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	73.2
≥ 4500	46.7	64.4	68.5	71.3	72.6	73.2	73.8	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	76.3
≥ 4000	47.9	66.3	70.4	73.2	74.6	75.1	75.7	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	78.2
≥ 3500	48.9	67.4	71.9	74.7	76.1	76.7	77.2	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.7
≥ 3000	49.7	68.6	73.3	76.1	77.6	78.2	78.8	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	81.3
≥ 2500	51.0	70.6	75.4	78.3	79.9	80.4	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	83.5
≥ 2000	51.5	71.9	76.8	79.7	81.4	81.9	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	85.0
≥ 1800	51.5	72.4	77.2	80.1	81.8	82.4	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	85.4
≥ 1500	51.9	72.9	77.8	80.8	82.5	83.1	83.6	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	86.1
≥ 1200	52.1	73.2	78.2	81.4	83.2	83.8	84.3	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.8
≥ 1000	52.1	73.8	79.0	82.2	84.0	84.6	85.1	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	87.6
≥ 900	52.2	74.2	79.4	82.8	84.9	85.8	86.4	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.9
≥ 800	52.5	74.4	80.0	83.3	85.4	86.4	86.9	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.6
≥ 700	52.5	75.0	80.7	84.3	86.4	87.4	87.9	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	90.6
≥ 600	52.5	75.6	81.4	85.1	87.2	88.2	88.9	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	91.7
≥ 500	52.9	77.1	82.9	86.9	89.2	90.3	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	94.2
≥ 400	52.9	77.5	83.3	87.4	89.6	90.7	91.9	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.9
≥ 300	52.9	77.5	83.5	87.6	90.1	91.3	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	95.4
≥ 200	52.9	77.6	83.8	88.1	90.8	91.9	93.9	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	97.1
≥ 100	52.9	77.6	83.8	88.2	91.0	92.1	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	97.9
≥ 0	52.9	77.6	83.8	88.2	91.0	92.1	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	98.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	33.3	41.3	44.9	49.2	51.4	51.5	52.9	53.8	53.8	54.2	54.6	54.6	55.4	55.4	55.7	55.7
≥ 20000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
≥ 18000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
≥ 16000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
≥ 14000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
≥ 12000	36.5	45.1	48.8	53.1	55.3	55.4	56.8	58.5	58.5	58.9	59.3	59.3	60.1	60.1	60.4	60.4
≥ 10000	39.2	48.1	52.1	57.5	59.7	59.9	61.4	63.1	63.1	63.5	63.9	63.9	64.7	64.7	65.0	65.0
≥ 9000	39.9	49.0	53.1	58.5	60.7	60.8	62.4	64.0	64.0	64.4	64.9	64.9	65.7	65.7	66.0	66.4
≥ 8000	40.7	50.6	54.7	60.1	63.1	63.2	64.7	66.5	66.5	66.9	67.4	67.4	68.2	68.2	68.5	68.9
≥ 7000	41.5	51.5	55.7	61.5	64.4	64.6	66.1	67.9	67.9	68.3	68.8	68.8	69.6	69.6	69.9	70.3
≥ 6000	41.8	52.1	56.3	62.1	65.0	65.1	66.7	68.5	68.5	68.9	69.3	69.3	70.1	70.1	70.4	70.8
≥ 5000	43.5	53.9	58.1	63.9	66.8	66.9	68.5	70.3	70.3	70.7	71.1	71.1	71.9	71.9	72.2	72.6
≥ 4500	44.6	55.4	59.7	65.7	68.6	68.8	70.3	72.2	72.2	72.6	73.1	73.1	73.9	73.9	74.2	74.6
≥ 4000	45.8	57.2	61.5	67.8	70.7	70.8	72.4	74.3	74.3	74.7	75.1	75.1	76.0	76.0	76.3	76.7
≥ 3500	46.0	57.6	61.9	68.2	71.1	71.3	72.9	74.9	74.9	75.3	75.7	75.7	76.5	76.5	76.8	77.2
≥ 3000	46.8	59.3	63.8	70.0	73.1	73.2	74.9	76.8	76.8	77.2	77.6	77.6	78.5	78.5	78.8	79.2
≥ 2500	48.1	61.4	66.1	72.8	75.8	76.0	77.6	79.6	79.6	80.0	80.4	80.4	81.3	81.3	81.5	81.9
≥ 2000	48.6	62.1	66.8	73.5	76.5	76.7	78.3	80.3	80.3	80.7	81.1	81.1	81.9	81.9	82.2	82.6
≥ 1800	48.8	62.2	66.9	73.9	76.9	77.1	78.8	80.7	80.7	81.3	81.7	81.7	82.5	82.5	82.8	83.2
≥ 1500	48.8	63.2	67.9	74.9	77.9	78.1	79.7	81.7	81.7	82.2	82.6	82.6	83.5	83.5	83.8	84.2
≥ 1200	49.7	64.3	69.4	76.5	79.6	79.7	81.4	83.3	83.3	83.9	84.3	84.3	85.1	85.1	85.4	85.8
≥ 1000	49.7	64.6	69.9	77.4	80.7	81.3	82.9	85.0	85.0	85.6	86.0	86.0	86.8	86.8	87.1	87.5
≥ 900	49.9	65.1	70.4	77.9	81.7	82.2	83.9	86.0	86.0	86.5	86.9	86.9	87.8	87.8	88.1	88.5
≥ 800	49.9	65.7	71.0	78.5	82.2	82.8	84.4	86.7	86.7	87.2	87.6	87.6	88.5	88.5	88.8	89.2
≥ 700	49.9	66.5	71.9	79.4	83.5	84.0	85.7	87.9	87.9	88.5	88.9	88.9	89.9	89.9	90.1	90.6
≥ 600	49.9	67.1	72.5	80.0	84.0	84.6	86.4	88.6	88.6	89.2	89.6	89.6	90.6	90.6	90.8	91.3
≥ 500	49.9	67.5	72.9	81.0	85.4	86.0	87.8	90.7	90.7	91.4	91.8	91.8	92.8	92.8	93.1	93.5
≥ 400	49.9	68.1	73.9	82.1	86.5	87.1	88.9	92.1	92.1	92.8	93.2	93.2	94.2	94.2	94.4	94.9
≥ 300	49.9	68.2	74.2	82.8	88.1	88.8	90.8	94.0	94.0	94.7	95.1	95.1	96.1	96.1	96.4	96.8
≥ 200	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.0	95.0	96.0	96.4	96.4	97.6	97.6	97.9	98.3
≥ 100	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.0	95.0	96.0	96.4	96.4	97.6	97.6	98.1	98.6
≥ 0	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.1	95.1	96.1	96.5	96.5	97.8	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	23.6	35.9	38.4	41.6	43.5	44.9	46.7	47.6	47.7	48.5	49.0	49.0	49.2	49.2	49.5	50.5
≥ 20000	25.2	39.2	42.1	46.0	48.4	50.1	52.0	53.1	53.3	54.1	54.5	54.5	54.8	54.8	55.2	56.2
IV 18000	25.2	39.2	42.1	46.0	48.4	50.1	52.0	53.1	53.3	54.1	54.5	54.5	54.8	54.8	55.2	56.2
IV 16000	25.2	39.2	42.1	46.0	48.4	50.1	52.0	53.1	53.3	54.1	54.5	54.5	54.8	54.8	55.2	56.2
IV 14000	25.3	39.5	42.4	46.3	48.7	50.3	52.3	53.4	53.5	54.4	54.8	54.8	55.1	55.1	55.5	56.5
IV 12000	26.1	40.5	43.9	48.0	50.5	52.2	54.2	55.8	55.9	56.7	57.2	57.2	57.4	57.4	57.9	59.0
IV 10000	27.1	42.3	45.9	50.6	53.4	55.4	57.6	59.4	59.5	60.4	60.9	60.9	61.2	61.2	61.8	62.9
IV 9000	28.2	43.5	47.1	52.0	54.8	56.7	59.0	60.8	60.9	61.8	62.3	62.3	62.6	62.6	63.1	64.4
IV 8000	29.2	45.2	49.1	54.1	56.9	58.8	61.6	63.4	63.6	64.4	65.0	65.0	65.2	65.2	65.9	67.0
IV 7000	30.2	47.4	51.5	56.5	59.2	61.2	64.1	65.9	66.1	66.9	67.5	67.5	67.7	67.7	68.3	69.5
IV 6000	30.7	48.0	52.2	57.2	59.9	61.9	64.8	66.6	66.8	67.6	68.2	68.2	68.4	68.4	69.0	70.2
IV 5000	31.6	49.2	53.4	58.8	61.6	63.6	66.5	68.3	68.4	69.3	69.8	69.8	70.1	70.1	70.7	71.9
IV 4500	32.0	50.1	54.4	60.1	63.0	65.2	68.2	70.1	70.2	71.1	71.6	71.6	71.9	71.9	72.5	73.7
IV 4000	33.4	51.7	56.2	61.9	64.8	67.0	70.1	72.0	72.2	73.0	73.6	73.6	73.9	73.9	74.4	75.7
IV 3500	34.1	53.0	57.6	63.3	66.2	68.4	71.5	73.4	73.6	74.4	75.0	75.0	75.2	75.2	75.8	77.1
IV 3000	35.2	55.5	60.2	66.2	69.3	71.5	74.5	76.6	76.8	77.6	78.2	78.2	78.4	78.4	79.0	80.3
IV 2500	35.6	57.0	61.8	67.9	70.9	73.2	76.4	78.4	78.6	79.4	80.0	80.0	80.3	80.3	80.8	82.1
IV 2000	36.4	58.6	63.4	69.7	72.9	75.2	78.4	80.5	80.7	81.5	82.1	82.1	82.3	82.3	82.9	84.1
IV 1800	36.4	58.7	63.6	69.8	73.0	75.5	78.7	80.8	80.9	81.8	82.3	82.3	82.6	82.6	83.2	84.4
IV 1500	37.3	59.8	64.7	71.3	74.5	77.3	80.8	83.0	83.2	84.0	84.6	84.6	84.8	84.8	85.4	86.6
IV 1200	37.4	60.5	65.9	72.9	76.2	79.1	82.6	84.8	85.0	85.8	86.4	86.4	86.6	86.6	87.2	88.5
IV 1000	37.4	61.2	66.6	73.6	77.1	80.0	83.4	85.7	85.8	86.6	87.2	87.2	87.5	87.5	88.1	89.3
IV 900	37.4	61.2	66.6	73.6	77.1	80.0	83.4	85.8	86.0	86.8	87.3	87.3	87.6	87.6	88.2	89.4
IV 800	37.4	61.6	67.0	74.0	77.5	80.7	84.4	86.6	86.8	87.6	88.2	88.2	88.5	88.5	89.0	90.3
IV 700	37.4	61.6	67.2	74.1	77.7	80.9	84.7	86.9	87.1	87.9	88.5	88.5	88.7	88.7	89.3	90.5
IV 600	37.4	61.8	67.5	74.5	78.2	81.4	85.3	87.5	87.8	88.6	89.2	89.2	89.4	89.4	90.0	91.2
IV 500	37.4	62.3	68.3	75.5	79.4	83.2	87.2	89.7	90.0	91.2	91.8	91.8	92.2	92.2	92.8	94.0
IV 400	37.4	63.0	69.3	76.6	80.7	84.6	88.9	91.8	92.1	93.3	94.0	94.0	94.4	94.4	95.0	96.2
IV 300	37.4	63.1	69.5	77.3	81.4	85.4	90.1	93.0	93.3	94.9	95.5	95.5	96.0	96.0	96.5	97.8
IV 200	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.2	96.2	96.9	96.9	97.5	98.7
IV 100	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.4	96.4	97.1	97.1	97.9	99.4
IV 0	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.4	96.4	97.1	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1959
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	29.3	45.7	48.6	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	32.6	51.0	53.9	55.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	33.6	52.4	55.4	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	34.4	54.0	57.2	59.6	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	35.3	55.1	58.3	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	36.7	57.2	60.8	63.5	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	36.9	57.8	61.4	64.0	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	37.1	58.1	61.7	64.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	37.2	58.9	62.6	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	37.6	60.0	64.0	66.9	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	39.6	62.2	66.3	69.3	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	40.4	63.2	67.2	70.3	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	42.1	65.7	69.7	73.2	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2500	44.3	69.2	73.5	77.1	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	45.4	71.1	75.6	79.2	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1800	45.6	72.2	76.9	80.6	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	46.9	75.4	80.4	84.2	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	47.4	77.1	82.2	86.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	47.6	79.0	84.4	88.6	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	47.6	79.3	84.9	89.3	90.7	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	47.6	79.9	85.6	90.1	91.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	47.6	80.6	86.9	91.7	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	47.6	81.3	87.8	92.6	94.2	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	47.6	82.2	88.9	93.9	95.8	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	47.6	82.4	88.9	94.0	96.4	97.4	97.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.4	99.4	99.4	100.0	100.0	100.0
≥ 0	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	33.3	46.6	47.6	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	38.7	52.9	54.4	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	39.4	54.1	55.3	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	41.4	57.3	59.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	41.6	57.6	59.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	41.7	59.1	60.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	42.0	58.7	60.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	42.1	59.0	60.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	42.8	60.8	62.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	43.3	62.2	64.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	45.8	65.2	67.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	47.4	67.5	69.4	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	49.9	72.3	74.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	51.3	75.7	78.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	53.0	78.9	82.1	85.3	85.7	86.0	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	54.0	80.8	84.1	87.3	87.8	88.0	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	55.2	83.2	86.8	90.0	90.7	91.0	91.2	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	55.5	84.0	87.9	91.4	92.1	92.4	92.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	55.5	85.0	88.9	92.4	93.2	93.5	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	55.5	85.0	88.9	92.5	93.3	93.6	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	55.6	85.7	89.6	93.3	94.3	94.7	95.0	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	55.6	86.1	90.4	94.4	95.4	95.8	96.2	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	55.6	86.1	90.4	94.4	95.3	96.0	96.5	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	55.6	86.2	90.5	94.7	96.0	96.5	97.2	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	55.6	86.2	90.5	94.9	96.4	96.9	97.6	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 71

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	38.4	53.8	53.0	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	43.5	59.2	62.3	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	45.5	63.3	66.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	46.2	64.3	67.5	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	46.6	65.5	68.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	46.3	66.2	69.5	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	47.3	66.9	70.2	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	48.5	69.3	73.0	75.5	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	49.5	71.6	75.5	78.2	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	49.8	72.5	76.5	79.3	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	51.3	74.3	78.3	81.1	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	51.9	76.2	80.4	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	52.3	77.2	81.6	84.4	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	54.0	79.8	84.6	87.6	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	54.4	80.9	85.7	88.7	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	55.4	82.8	87.5	90.5	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	55.6	83.6	88.7	92.2	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	55.9	84.7	89.8	93.5	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	55.9	85.0	90.1	93.9	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	56.1	85.4	90.5	94.3	94.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	56.1	85.5	90.7	94.4	95.0	95.3	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	56.1	86.0	91.1	95.0	95.7	96.0	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	56.1	86.0	91.2	95.1	96.1	96.4	97.2	97.4	97.4	97.4	98.1	98.2	98.2	98.2	98.2	98.2
≥ 400	56.1	86.0	91.5	95.4	96.4	96.7	97.8	97.9	97.9	97.9	98.6	98.7	98.7	98.7	98.7	98.7
≥ 300	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6
≥ 200	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9
≥ 100	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9
≥ 0	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.8	50.6	52.4	53.8	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 18000	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 16000	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	40.7	57.1	59.4	61.5	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 12000	40.8	57.2	59.6	61.9	63.6	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 10000	42.2	59.6	62.4	65.0	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 9000	42.6	60.4	63.2	66.3	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000	44.3	62.9	65.8	69.2	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 7000	44.6	64.3	67.6	71.0	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	45.1	65.3	68.6	71.9	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 5000	45.3	66.4	69.7	73.1	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 4500	46.7	68.5	71.9	75.3	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	47.2	70.1	73.6	76.9	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3500	48.3	71.4	75.1	78.3	80.7	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	48.6	72.2	75.8	79.2	81.5	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2500	49.7	74.3	78.1	81.5	83.9	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	50.6	76.1	80.0	83.9	86.3	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1800	50.8	76.8	80.7	84.6	86.9	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1500	51.1	77.4	81.5	85.4	87.8	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	51.5	78.1	82.2	86.3	88.6	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	51.5	78.6	82.9	87.1	89.4	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	51.5	79.0	83.5	87.8	90.1	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	51.7	79.2	83.6	87.9	90.3	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 700	51.7	79.4	84.0	88.6	91.3	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5
IV 600	51.7	79.6	84.4	89.2	92.1	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 500	51.9	80.6	85.6	90.3	93.5	95.0	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.3	96.3
IV 400	51.9	80.7	85.7	90.6	93.8	95.7	96.4	96.7	96.8	96.9	96.9	96.9	97.2	97.2	97.4	97.4
IV 300	51.9	80.8	85.8	90.8	94.0	96.0	96.8	97.2	97.4	97.6	97.6	97.6	97.9	97.9	98.1	98.1
IV 200	51.9	81.0	86.3	91.3	94.4	96.4	97.4	98.1	98.2	98.6	98.6	98.6	98.9	98.9	99.0	99.0
IV 100	51.9	81.3	86.5	91.5	94.7	96.7	97.6	98.3	98.5	98.9	98.9	98.9	99.4	99.4	99.6	100.0
IV 0	51.9	81.3	86.5	91.5	94.7	96.7	97.6	98.3	98.5	98.9	98.9	98.9	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.9	52.1	54.7	56.7	59.2	58.5	58.5	58.6	58.6	59.0	59.2	59.2	59.2	59.2	59.4	59.4
IN 20000	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 18000	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 16000	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 14000	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 12000	41.5	58.6	61.7	63.8	65.7	66.0	66.1	66.3	66.3	66.7	66.8	66.8	66.8	66.8	67.1	67.1
IN 10000	42.2	60.1	63.3	65.6	67.6	67.9	68.1	68.2	68.2	68.6	68.8	68.8	68.8	68.8	69.0	69.0
IN 9000	42.9	61.1	64.3	66.5	68.6	68.9	69.0	69.2	69.2	69.6	69.7	69.7	69.7	69.7	70.0	70.0
IN 8000	43.8	63.1	66.3	68.5	70.6	70.8	71.0	71.1	71.1	71.5	71.7	71.7	71.7	71.7	71.9	71.9
IN 7000	44.9	64.6	67.9	70.1	72.2	72.5	72.6	72.8	72.8	73.2	73.3	73.3	73.3	73.3	73.6	73.6
IN 6000	45.0	64.7	68.1	70.3	72.4	72.6	72.8	72.9	72.9	73.3	73.5	73.5	73.5	73.5	73.8	73.8
IN 5000	46.1	67.2	70.6	72.8	74.9	75.1	75.3	75.4	75.4	75.8	76.0	76.0	76.0	76.0	76.3	76.3
IN 4500	47.5	68.9	72.5	74.7	77.2	77.5	77.8	77.9	77.9	78.3	78.5	78.5	78.5	78.5	78.8	78.8
IN 4000	48.1	70.0	73.6	75.8	78.6	78.9	79.2	79.3	79.3	79.7	79.9	79.9	79.9	79.9	80.1	80.1
IN 3500	48.9	70.8	74.7	77.1	79.9	80.1	80.4	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.4	81.4
IN 3000	49.7	72.2	76.1	79.0	81.8	82.1	82.4	82.5	82.5	82.9	83.1	83.1	83.1	83.1	83.3	83.3
IN 2500	50.4	73.3	77.4	80.7	83.5	83.9	84.2	84.3	84.3	84.7	84.9	84.9	84.9	84.9	85.1	85.1
IN 2000	51.3	74.9	78.9	82.4	85.1	85.6	85.8	86.0	86.0	86.4	86.5	86.5	86.5	86.5	86.8	86.8
IN 1800	51.9	75.3	79.4	82.9	85.7	86.1	86.4	86.5	86.5	86.9	87.1	87.1	87.1	87.1	87.4	87.4
IN 1500	52.1	76.0	80.1	83.8	86.5	86.9	87.2	87.4	87.4	87.8	87.9	87.9	87.9	87.9	88.2	88.2
IN 1200	52.2	76.3	80.6	84.4	87.4	87.8	88.1	88.2	88.2	88.6	88.8	88.8	88.8	88.8	89.0	89.0
IN 1000	52.4	76.5	80.8	84.7	87.8	88.2	88.5	88.6	88.6	89.0	89.2	89.2	89.2	89.2	89.4	89.4
IN 900	52.9	77.1	81.4	85.3	88.5	88.9	89.2	89.3	89.3	89.7	89.9	89.9	89.9	89.9	90.1	90.1
IN 800	52.6	77.5	81.8	85.7	88.9	89.7	90.0	90.1	90.1	90.6	90.7	90.7	90.7	90.7	91.0	91.0
IN 700	52.8	78.3	82.9	87.1	90.3	91.1	91.5	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.5	92.5
IN 600	52.8	78.6	83.3	87.9	91.4	92.2	92.6	92.8	92.8	93.2	93.3	93.3	93.3	93.3	93.6	93.6
IN 500	52.9	79.2	83.9	88.6	92.1	92.9	93.5	93.6	93.6	94.0	94.2	94.2	94.2	94.2	94.4	94.4
IN 400	53.1	79.9	84.7	89.9	93.3	94.3	95.1	95.3	95.3	95.7	95.8	95.8	95.8	95.8	96.1	96.1
IN 300	53.2	80.0	84.9	90.0	93.6	94.9	96.0	96.5	96.5	96.9	97.1	97.1	97.1	97.1	97.5	97.5
IN 200	53.2	80.0	84.9	90.3	93.9	95.1	96.5	97.5	97.5	97.9	98.3	98.3	98.3	98.3	98.8	98.8
IN 100	53.2	80.1	85.0	90.4	94.0	95.3	96.7	97.6	97.6	98.2	98.6	98.6	98.6	98.8	98.9	99.7
IN 0	53.2	80.1	85.0	90.4	94.0	95.3	96.7	97.6	97.6	98.2	98.6	98.6	98.6	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	33.3	46.2	48.6	50.8	51.9	52.2	52.7	53.0	53.1	53.3	53.4	53.4	53.6	53.6	53.7	53.9
≥ 20000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
≥ 18000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
≥ 16000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
≥ 14000	36.7	51.4	54.2	56.6	57.9	58.3	58.9	59.4	59.4	59.6	59.8	59.8	59.9	59.9	60.1	60.3
≥ 12000	37.4	52.4	55.3	57.9	59.2	59.7	60.2	60.8	60.9	61.1	61.2	61.2	61.4	61.4	61.6	61.7
≥ 10000	39.0	54.9	58.1	61.1	62.5	63.0	63.6	64.2	64.2	64.4	64.6	64.6	64.7	64.7	65.0	65.2
≥ 9000	39.6	55.8	59.0	62.1	63.5	63.9	64.5	65.2	65.2	65.4	65.5	65.5	65.7	65.7	65.9	66.2
≥ 8000	40.7	57.7	61.0	64.2	65.7	66.2	66.9	67.5	67.6	67.8	67.9	67.9	68.1	68.1	68.3	68.6
≥ 7000	41.3	58.7	62.2	65.5	67.0	67.5	68.1	68.8	68.8	69.0	69.2	69.2	69.3	69.3	69.6	69.8
≥ 6000	41.6	59.2	62.7	66.0	67.5	68.0	68.7	69.3	69.3	69.6	69.7	69.7	69.8	69.8	70.1	70.4
≥ 5000	42.5	60.9	64.5	67.9	69.4	69.9	70.6	71.3	71.3	71.5	71.7	71.7	71.8	71.8	72.1	72.3
≥ 4500	43.5	62.6	66.3	69.9	71.5	72.1	72.8	73.5	73.5	73.7	73.9	73.9	74.0	74.0	74.3	74.6
≥ 4000	44.7	64.4	68.2	71.8	73.5	74.0	74.8	75.5	75.5	75.7	75.9	75.9	76.0	76.0	76.3	76.5
≥ 3500	45.7	65.6	69.5	73.1	74.9	75.4	76.2	76.9	76.9	77.1	77.2	77.2	77.4	77.4	77.6	77.9
≥ 3000	46.7	67.6	71.8	75.6	77.4	77.9	78.7	79.4	79.4	79.6	79.8	79.8	79.9	79.9	80.2	80.5
≥ 2500	47.8	69.6	74.0	78.1	79.9	80.4	81.2	82.0	82.0	82.2	82.4	82.4	82.5	82.5	82.8	83.0
≥ 2000	48.8	71.7	76.0	80.1	82.0	82.6	83.4	84.2	84.2	84.4	84.6	84.6	84.7	84.7	85.0	85.3
≥ 1800	49.1	72.4	76.8	81.0	82.9	83.5	84.3	85.1	85.1	85.3	85.5	85.5	85.6	85.6	85.9	86.1
≥ 1500	49.8	73.8	78.3	82.6	84.5	85.2	86.1	86.9	86.9	87.1	87.3	87.3	87.4	87.4	87.7	88.0
≥ 1200	50.2	74.6	79.4	83.9	85.9	86.6	87.5	88.3	88.3	88.6	88.7	88.7	88.9	88.9	89.1	89.4
≥ 1000	50.3	75.4	80.3	84.9	87.0	87.8	88.7	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.3	90.6
≥ 900	50.3	75.7	80.6	85.4	87.6	88.4	89.3	90.2	90.2	90.4	90.6	90.6	90.7	90.7	91.0	91.3
≥ 800	50.4	76.2	81.1	85.9	88.1	89.1	90.1	91.0	91.0	91.2	91.4	91.4	91.5	91.5	91.8	92.0
≥ 700	50.4	76.6	81.8	86.8	89.1	90.1	91.1	92.0	92.0	92.3	92.5	92.5	92.7	92.7	92.9	93.2
≥ 600	50.4	77.0	82.3	87.4	89.8	90.8	92.0	92.8	92.9	93.2	93.3	93.3	93.5	93.5	93.8	94.1
≥ 500	50.5	77.6	83.0	88.3	90.9	92.1	93.4	94.5	94.5	95.0	95.1	95.1	95.3	95.3	95.6	95.9
≥ 400	50.6	78.0	83.5	88.8	91.6	92.9	94.3	95.5	95.6	96.1	96.2	96.2	96.5	96.5	96.7	97.0
≥ 300	50.6	78.0	83.6	89.2	92.1	93.6	95.1	96.4	96.5	97.1	97.3	97.3	97.5	97.5	97.8	98.1
≥ 200	50.6	78.1	83.8	89.4	92.4	93.8	95.6	97.0	97.1	97.7	98.0	98.0	98.4	98.4	98.7	99.0
≥ 100	50.6	78.1	83.8	89.4	92.4	93.8	95.7	97.1	97.2	97.8	98.2	98.2	98.7	98.7	99.1	99.6
≥ 0	50.6	78.1	83.8	89.4	92.4	93.8	95.7	97.1	97.2	97.8	98.2	98.2	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	44.0	53.4	55.7	56.2	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.3	57.3	57.8	59.5
≥ 20000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
≥ 18000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
≥ 16000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
≥ 14000	46.0	55.4	57.4	58.6	59.1	59.1	59.1	59.1	59.1	59.3	59.5	59.5	59.7	59.7	60.2	62.0
≥ 12000	47.0	56.5	58.5	59.7	60.2	60.2	60.3	60.5	60.5	60.6	60.9	60.9	61.0	61.0	61.6	63.3
≥ 10000	50.3	60.2	62.2	63.6	64.1	64.1	64.2	64.4	64.4	64.5	64.8	64.8	64.9	64.9	65.5	67.3
≥ 9000	50.4	60.3	62.4	63.7	64.2	64.2	64.4	64.5	64.5	64.7	64.9	64.9	65.1	65.1	65.6	67.5
≥ 8000	53.6	64.7	66.7	68.0	68.5	68.5	68.7	68.8	68.8	69.0	69.2	69.2	69.4	69.4	69.9	71.9
≥ 7000	55.2	66.7	68.7	70.0	70.6	70.6	70.7	70.8	70.8	71.0	71.2	71.2	71.4	71.4	71.9	73.9
≥ 6000	55.6	67.1	69.2	70.6	71.1	71.1	71.2	71.4	71.4	71.5	71.8	71.8	71.9	71.9	72.4	74.5
≥ 5000	57.7	70.8	73.0	74.3	74.9	74.9	75.0	75.1	75.1	75.3	75.5	75.5	75.7	75.7	76.2	78.2
≥ 4500	58.9	72.8	75.0	76.5	77.0	77.0	77.2	77.3	77.3	77.4	77.7	77.7	77.8	77.8	78.4	80.4
≥ 4000	59.9	74.3	76.5	78.0	78.6	78.6	78.8	78.9	78.9	79.0	79.3	79.3	79.4	79.4	80.0	82.0
≥ 3500	60.5	74.9	77.0	78.5	79.2	79.2	79.3	79.4	79.4	79.6	79.8	79.8	80.0	80.0	80.5	82.5
≥ 3000	61.3	76.1	78.2	79.8	80.5	80.5	80.6	80.8	80.8	80.9	81.2	81.2	81.3	81.3	81.9	83.9
≥ 2500	62.2	77.7	79.8	81.5	82.3	82.3	82.4	82.5	82.5	82.7	82.9	82.9	83.1	83.1	83.6	85.6
≥ 2000	62.9	78.6	80.9	82.5	83.3	83.3	83.5	83.6	83.6	83.7	84.0	84.0	84.1	84.1	84.8	86.8
≥ 1800	63.2	79.0	81.3	82.9	83.7	83.7	83.9	84.0	84.0	84.4	84.7	84.7	84.8	84.8	85.5	87.5
≥ 1500	63.7	79.7	82.0	83.6	84.4	84.4	84.5	84.7	84.7	85.1	85.3	85.3	85.5	85.5	86.2	88.2
≥ 1200	63.7	79.8	82.3	83.9	84.7	84.7	84.8	84.9	84.9	85.3	85.6	85.6	85.8	85.8	86.4	88.4
≥ 1000	64.1	80.4	82.9	84.7	85.5	85.5	85.6	85.8	85.8	86.2	86.4	86.4	86.6	86.6	87.2	89.2
≥ 900	64.1	80.6	83.2	85.1	86.0	86.0	86.2	86.3	86.3	86.7	87.0	87.0	87.1	87.1	87.8	89.8
≥ 800	64.5	81.2	83.7	85.6	86.6	86.6	86.7	86.8	87.0	87.0	87.4	87.6	87.6	87.8	88.4	90.5
≥ 700	64.7	82.0	84.5	86.6	87.8	87.9	88.2	88.3	88.3	88.7	89.0	89.0	89.1	89.1	89.8	91.8
≥ 600	64.7	82.4	85.1	87.1	88.3	88.4	89.1	89.2	89.2	89.7	89.9	89.9	90.1	90.1	90.7	92.7
≥ 500	64.7	83.1	85.8	88.2	89.5	89.8	90.6	91.0	91.0	91.4	91.7	91.7	91.8	91.8	92.5	94.5
≥ 400	64.7	83.6	86.6	89.1	90.9	91.1	92.6	93.1	93.1	93.5	93.8	93.8	94.0	94.0	94.6	96.6
≥ 300	64.7	83.7	86.8	89.5	91.5	91.8	93.4	94.0	94.0	94.4	94.6	94.6	94.9	94.9	95.7	97.7
≥ 200	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.6	95.0	95.0	95.3	95.3	96.6	98.7
≥ 100	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.9	95.3	95.3	95.6	95.6	97.2	99.2
≥ 0	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.9	95.3	95.3	95.6	95.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.5	51.9	53.0	54.3	55.1	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2	56.2	56.6
≥ 20000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7
≥ 18000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7
≥ 16000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7
≥ 14000	46.0	54.7	55.8	57.4	58.2	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.8
≥ 12000	47.0	55.8	56.9	58.5	59.3	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.9
≥ 10000	49.1	58.3	59.5	61.3	62.1	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.7
≥ 9000	49.5	58.7	59.9	61.7	62.5	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	63.7	64.1
≥ 8000	51.3	61.0	62.6	64.4	65.2	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.8
≥ 7000	52.6	62.5	64.1	65.9	66.7	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	68.3
≥ 6000	52.8	63.6	65.2	66.9	67.7	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.4
≥ 5000	54.0	65.7	67.5	69.2	70.0	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.6
≥ 4500	55.6	69.0	70.7	72.4	73.4	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	75.0
≥ 4000	56.6	70.8	72.6	74.3	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	77.0
≥ 3500	57.1	71.6	73.4	75.1	76.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	78.0
≥ 3000	57.8	73.0	74.7	76.6	77.8	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.2	79.2	79.6
≥ 2500	58.9	74.7	76.5	78.5	79.7	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0	81.0	81.5
≥ 2000	59.9	75.9	77.7	79.7	80.9	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.3	82.3	82.7
≥ 1800	59.9	76.1	77.8	80.0	81.2	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7	83.1
≥ 1500	60.1	76.6	78.5	80.6	81.9	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3	83.3	83.7
≥ 1200	60.3	77.2	79.2	81.5	82.7	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.1	84.1	84.5
≥ 1000	60.5	77.7	79.7	82.3	83.7	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.8
≥ 900	60.5	78.5	80.6	83.3	84.8	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.4	86.4	86.8
≥ 800	60.5	78.5	80.6	83.3	84.8	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6	86.6	87.0
≥ 700	60.6	79.0	81.6	84.3	85.8	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.5	87.5	87.9
≥ 600	60.6	79.4	82.3	85.2	86.8	87.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.2	89.7
≥ 500	61.0	79.8	82.8	85.8	87.5	88.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.5
≥ 400	61.0	80.0	82.9	86.0	87.9	88.4	89.8	91.0	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.9
≥ 300	61.0	80.2	83.3	86.4	88.3	88.8	90.3	91.9	91.9	91.9	92.5	92.5	92.5	93.0	93.0	93.4
≥ 200	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	92.7	92.7	92.7	93.3	93.3	94.1
≥ 100	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	93.1	93.1	93.1	94.1	94.1	95.0
≥ 0	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	93.1	93.1	93.1	94.1	94.1	95.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3633-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING ≥ 20000	32.4	46.4	48.4	50.7	52.3	52.6	52.6	53.4	53.4	53.9	54.0	54.0	54.4	54.4	54.7	55.8
≥ 18000 ≥ 6000	35.7	50.7	52.9	55.4	57.0	57.5	57.5	58.5	58.5	59.2	59.3	59.3	59.7	59.7	60.0	61.1
≥ 14000 ≥ 12000	35.9	50.9	53.1	55.8	57.4	58.0	58.0	58.9	58.9	59.6	59.7	59.7	60.1	60.1	60.4	61.5
≥ 10000 ≥ 9000	36.7	51.8	53.9	56.6	58.2	58.8	58.8	59.7	59.7	60.4	60.5	60.5	60.9	60.9	61.2	62.3
≥ 8000 ≥ 7000	37.3	53.0	55.1	57.8	59.4	60.0	60.0	60.9	60.9	61.6	61.9	61.9	62.3	62.3	62.5	63.6
≥ 6000 ≥ 5000	37.6	53.2	55.4	58.1	59.7	60.2	60.2	61.2	61.2	61.9	62.1	62.1	62.5	62.5	62.8	63.9
≥ 4500 ≥ 4000	39.6	55.9	58.2	61.3	63.1	63.6	63.6	64.7	64.7	65.4	65.6	65.6	66.0	66.0	66.3	67.4
≥ 3500 ≥ 3000	41.0	57.8	60.4	63.5	65.2	65.8	65.8	66.8	66.8	67.5	67.8	67.8	68.2	68.2	68.5	69.5
≥ 2500 ≥ 2000	41.6	58.9	61.6	64.7	66.4	67.0	67.0	68.1	68.1	68.7	69.0	69.0	69.4	69.4	69.7	70.8
≥ 1800 ≥ 1500	42.6	60.2	63.2	66.4	68.3	68.9	68.9	69.9	69.9	70.6	70.9	70.9	71.3	71.3	71.6	72.6
≥ 1200 ≥ 1000	43.0	61.5	64.7	67.9	69.8	70.5	70.6	71.8	71.8	72.5	72.8	72.8	73.2	73.2	73.5	74.5
≥ 900 ≥ 800	43.7	62.4	65.6	68.9	70.8	71.4	71.6	72.8	72.8	73.5	73.7	73.7	74.1	74.1	74.4	75.5
≥ 700 ≥ 600	44.7	63.9	67.1	70.5	72.5	73.2	73.3	74.5	74.5	75.2	75.5	75.5	75.9	75.9	76.1	77.2
≥ 500 ≥ 400	45.8	65.2	68.7	72.1	74.1	74.9	75.1	76.4	76.4	77.2	77.5	77.5	77.9	77.9	78.2	79.2
≥ 300 ≥ 200	46.5	66.3	69.8	73.7	75.7	76.5	76.7	78.0	78.0	78.8	79.1	79.1	79.5	79.5	79.8	80.9
≥ 100 0	46.8	67.0	70.5	74.5	76.5	77.6	77.8	79.1	79.1	79.9	80.2	80.2	80.6	80.6	80.9	81.9
≥ 100 0	47.2	67.7	71.2	75.2	77.2	78.3	78.4	79.8	79.8	80.6	80.9	80.9	81.3	81.3	81.5	82.6
≥ 100 0	47.3	68.1	71.8	76.3	78.3	79.5	79.6	81.0	81.0	81.8	82.1	82.1	82.5	82.5	82.7	83.8
≥ 100 0	47.7	69.3	73.0	77.5	79.5	80.7	81.0	82.5	82.5	83.3	83.6	83.6	84.0	84.0	84.2	85.3
≥ 100 0	47.8	69.5	73.7	78.2	80.5	81.7	81.9	83.4	83.4	84.2	84.5	84.5	84.9	84.9	85.2	86.3
≥ 100 0	47.8	69.5	73.9	78.3	80.6	81.8	82.2	83.7	83.7	84.5	84.8	84.8	85.2	85.2	85.4	86.5
≥ 100 0	47.8	69.5	74.0	78.8	81.5	83.0	83.6	85.2	85.2	86.0	86.3	86.3	86.7	86.7	86.9	88.0
≥ 100 0	47.8	69.8	74.4	79.5	82.2	83.8	84.4	86.0	86.0	86.9	87.3	87.3	87.7	87.7	88.0	89.1
≥ 100 0	47.8	69.9	74.7	80.1	83.2	84.8	85.6	87.2	87.2	88.3	88.7	88.7	89.1	89.1	89.4	90.4
≥ 100 0	47.8	70.1	75.2	81.0	84.4	86.0	86.9	88.7	88.7	90.0	90.4	90.4	90.8	90.8	91.1	92.2
≥ 100 0	47.8	70.2	75.3	81.4	84.9	86.9	88.0	89.8	89.8	91.5	91.9	91.9	92.5	92.5	92.7	93.8
≥ 100 0	47.8	70.2	75.3	81.4	85.0	87.2	88.3	90.3	90.3	92.6	93.1	93.1	93.7	93.7	93.9	95.0
≥ 100 0	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.6	94.6	95.1	95.1	95.3	96.8
≥ 100 0	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.7	94.7	95.4	95.4	95.6	97.6
≥ 100 0	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.7	94.7	95.4	95.4	95.6	96.1
≥ 100 0	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.7	94.7	95.4	95.4	95.6	96.1

TOTAL NUMBER OF OBSERVATIONS 742

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	38.8	52.2	53.2	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
≥ 20000	42.6	58.1	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 18000	42.6	58.1	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 16000	42.7	58.2	59.3	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 14000	43.0	58.6	59.7	60.1	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8
≥ 12000	43.5	59.8	60.9	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1
≥ 10000	44.8	61.4	62.5	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 9000	45.0	61.7	62.8	63.3	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0
≥ 8000	48.0	65.3	66.4	67.1	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0
≥ 7000	48.5	66.3	67.5	68.3	68.4	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 6000	49.3	67.1	68.3	69.1	69.2	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
≥ 5000	50.0	69.0	70.3	71.2	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2
≥ 4500	51.1	71.5	73.1	74.2	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3
≥ 4000	52.0	73.3	74.9	75.9	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 3500	52.6	74.6	76.2	77.4	77.7	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
≥ 3000	54.8	77.6	79.2	80.4	80.8	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
≥ 2500	55.2	79.2	80.8	82.1	82.5	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6
≥ 2000	56.2	80.8	82.5	83.9	84.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 1800	56.5	81.5	83.2	84.5	84.9	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0
≥ 1500	56.9	82.8	84.5	85.9	86.4	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6
≥ 1200	57.8	84.1	86.0	87.6	88.2	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5
≥ 1000	57.8	85.1	87.0	89.1	89.7	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0
≥ 900	57.8	85.5	87.4	89.8	90.6	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 800	57.8	85.8	87.6	90.2	91.0	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 700	57.8	85.8	87.9	90.7	91.5	92.3	92.7	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.5
≥ 600	57.8	85.8	87.9	90.9	91.8	92.6	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	94.0
≥ 500	57.8	86.0	88.2	92.2	93.4	94.2	94.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.8
≥ 400	57.8	86.2	88.3	92.7	94.2	95.0	96.1	96.6	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.7
≥ 300	57.8	86.2	88.3	92.9	94.5	95.3	96.4	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 200	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.9
≥ 100	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3	100.0
≥ 0	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 0
NO CEILING	41.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	45.4	57.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	45.4	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	45.7	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 14000	46.1	58.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	46.5	59.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	47.6	61.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	48.1	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	49.9	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	50.5	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	50.7	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	52.4	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	55.3	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	58.5	75.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	60.9	78.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	63.2	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	65.4	85.8	87.3	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	66.4	87.6	89.2	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	67.1	88.5	90.2	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	67.8	89.8	91.4	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	67.8	89.9	91.5	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	67.8	90.3	91.9	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	67.8	90.8	92.5	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	67.8	90.8	92.5	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	67.9	91.4	93.0	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	67.9	91.5	93.3	95.1	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	67.9	92.0	93.8	96.0	96.9	97.7	98.0	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	67.9	92.0	93.8	96.2	97.4	98.2	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	43.7	53.5	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	48.7	60.6	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	48.8	60.8	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	48.8	60.8	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	49.9	61.8	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	50.1	62.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	51.5	64.4	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	52.0	65.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	53.9	68.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	54.6	69.2	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	55.0	69.8	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	56.7	71.9	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	59.5	75.4	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	61.4	78.0	79.2	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	62.9	80.1	81.3	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	64.7	82.5	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	66.1	84.5	86.4	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	67.1	85.6	87.6	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	67.3	86.0	88.0	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	68.1	87.5	89.7	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	68.4	88.3	90.6	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	68.4	89.0	91.3	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	68.4	89.2	91.7	92.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	68.7	89.7	92.1	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	68.7	89.8	92.3	93.7	94.5	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	68.8	89.9	92.5	94.0	94.9	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	68.8	90.5	93.0	94.8	96.0	96.5	97.2	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	68.8	90.5	93.1	95.2	96.4	96.9	98.0	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.7	54.7	55.8	56.6	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	51.3	61.2	62.4	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	51.3	61.2	62.4	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	51.3	61.2	62.4	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	52.0	61.8	63.0	63.8	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	53.1	63.0	64.2	65.1	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	55.8	66.8	68.3	69.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	55.8	66.9	68.4	69.2	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	57.1	69.4	70.8	71.6	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	57.9	70.4	71.9	72.8	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	57.9	70.7	72.2	73.1	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	59.0	71.9	73.4	74.5	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	61.3	74.3	75.8	76.9	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	62.4	75.7	77.2	78.2	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	64.2	78.9	80.4	81.5	81.9	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	65.6	80.6	82.4	83.6	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	66.4	82.3	84.4	86.0	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	66.5	83.5	85.6	87.4	88.2	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	67.1	84.5	86.7	88.4	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	67.3	85.6	87.8	89.5	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	67.6	86.6	88.7	90.5	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	67.7	87.0	89.1	90.9	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	67.7	87.1	89.2	91.0	92.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	68.0	87.5	89.8	91.5	93.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	68.1	87.9	90.5	92.5	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	68.1	88.2	90.7	92.9	94.5	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	68.1	88.7	91.3	93.5	95.2	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	68.1	88.7	91.4	94.0	95.6	96.1	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.3	99.6	99.6	99.6
≥ 100	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6
≥ 0	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	45.4	54.6	55.5	56.1	56.7	56.8	56.9	57.5	57.5	57.5	58.0	58.0	58.3	58.3	58.7	59.5
IV 18000	50.6	59.8	60.6	61.5	62.0	62.3	62.4	63.0	63.0	63.0	63.5	63.5	63.8	63.8	64.2	65.0
IV 16000	50.6	59.8	60.6	61.5	62.0	62.3	62.4	63.0	63.0	63.0	63.5	63.5	63.8	63.8	64.2	65.0
IV 14000	51.0	60.2	61.0	61.9	62.4	62.7	62.9	63.4	63.4	63.4	63.9	63.9	64.2	64.2	64.6	65.4
IV 12000	52.1	61.2	62.3	63.3	63.8	64.1	64.2	64.7	64.7	64.7	65.3	65.3	65.5	65.5	65.9	66.8
IV 10000	54.8	65.1	66.5	67.4	68.0	68.2	68.4	68.9	68.9	68.9	69.4	69.4	69.7	69.7	70.1	70.9
IV 9000	54.8	65.1	66.5	67.4	68.0	68.2	68.4	68.9	68.9	68.9	69.4	69.4	69.7	69.7	70.1	70.9
IV 8000	55.7	66.2	67.7	68.6	69.2	69.4	69.6	70.1	70.1	70.1	70.7	70.7	70.9	70.9	71.3	72.1
IV 7000	57.3	68.6	70.1	71.3	71.9	72.1	72.3	72.8	72.8	72.8	73.4	73.4	73.6	73.6	74.0	74.8
IV 6000	57.6	69.2	70.7	71.9	72.4	72.7	72.8	73.4	73.4	73.4	73.9	73.9	74.2	74.2	74.6	75.4
IV 5000	58.8	70.7	72.1	73.4	73.9	74.2	74.3	74.8	74.8	74.8	75.4	75.4	75.6	75.6	76.0	76.9
IV 4500	60.2	72.4	74.0	75.2	75.9	76.2	76.3	76.9	76.9	76.9	77.4	77.4	77.7	77.7	78.1	78.9
IV 4000	61.2	73.8	75.4	76.6	77.3	77.5	77.7	78.2	78.2	78.2	78.7	78.7	79.1	79.1	79.5	80.3
IV 3500	62.0	75.5	77.1	78.3	79.0	79.3	79.4	79.9	79.9	79.9	80.5	80.5	80.9	80.9	81.3	82.1
IV 3000	62.6	76.4	78.1	79.3	80.2	80.5	80.6	81.2	81.2	81.2	81.7	81.7	82.1	82.1	82.5	83.3
IV 2500	63.4	78.2	79.8	81.4	82.5	82.8	82.9	83.4	83.4	83.4	84.0	84.0	84.4	84.4	84.8	85.6
IV 2000	64.3	80.1	81.7	83.4	84.5	84.8	84.9	85.5	85.5	85.5	86.0	86.0	86.4	86.4	86.8	87.6
IV 1800	64.6	81.2	82.9	84.7	85.7	86.0	86.1	86.7	86.7	86.7	87.2	87.2	87.6	87.6	88.0	88.8
IV 1500	64.6	81.3	83.0	84.8	85.9	86.1	86.3	86.8	86.8	86.8	87.3	87.3	87.8	87.8	88.2	89.0
IV 1200	64.6	81.8	83.8	85.6	86.7	86.9	87.1	87.6	87.6	87.6	88.2	88.2	88.6	88.6	89.0	89.8
IV 1000	64.6	82.5	84.5	86.4	87.5	87.6	87.9	88.4	88.4	88.4	89.0	89.0	89.4	89.4	89.8	90.6
IV 900	65.0	83.2	85.2	87.2	88.3	88.6	88.7	89.2	89.2	89.2	89.8	89.8	90.2	90.2	90.6	91.4
IV 800	65.1	83.4	85.5	87.5	88.6	88.8	89.0	89.5	89.5	89.5	90.0	90.0	90.4	90.4	90.8	91.7
IV 700	65.1	84.0	86.0	88.4	89.6	89.9	90.0	90.6	90.6	90.6	91.1	91.1	91.5	91.5	91.9	92.7
IV 600	65.3	84.7	86.7	89.4	90.6	90.8	91.0	91.5	91.5	91.5	92.1	92.1	92.5	92.5	92.9	93.7
IV 500	65.3	85.3	87.8	90.7	92.3	93.0	93.1	93.7	93.7	93.7	94.2	94.2	94.6	94.6	95.0	95.8
IV 400	65.3	85.5	88.0	91.3	93.3	94.1	94.3	94.9	94.9	94.9	95.4	95.4	95.8	95.8	96.2	97.0
IV 300	65.3	85.6	88.2	91.4	93.4	94.2	94.4	95.4	95.4	95.4	96.5	96.5	96.9	96.9	97.3	98.1
IV 200	65.3	85.7	88.3	91.5	93.5	94.3	95.0	95.6	95.7	96.0	96.6	96.6	97.4	97.4	97.8	98.7
IV 100	65.3	85.7	88.3	91.5	93.5	94.3	95.0	95.6	95.7	96.1	96.8	96.8	97.7	97.7	98.4	99.3
IV 0	65.3	85.7	88.3	91.5	93.5	94.3	95.0	95.6	95.7	96.1	96.8	96.8	97.8	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.9	52.3	53.4	54.2	54.7	54.8	55.0	55.2	55.2	55.2	55.4	55.4	55.5	55.5	55.7	56.4
≥ 20000	45.7	57.2	58.4	59.4	59.9	60.1	60.2	60.4	60.4	60.5	60.6	60.6	60.8	60.8	61.0	61.7
≥ 18000	45.8	57.3	58.5	59.5	60.0	60.2	60.3	60.5	60.5	60.6	60.7	60.7	60.9	60.9	61.1	61.8
≥ 16000	45.8	57.3	58.6	59.6	60.1	60.2	60.4	60.6	60.6	60.7	60.8	60.8	60.9	60.9	61.1	61.9
≥ 14000	46.2	57.8	59.1	60.1	60.6	60.7	60.9	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.6	62.4
≥ 12000	47.0	58.8	60.1	61.1	61.6	61.8	61.9	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.7	63.5
≥ 10000	48.9	61.4	62.8	63.8	64.3	64.5	64.6	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.4	66.2
≥ 9000	49.2	61.7	63.1	64.2	64.7	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.6	65.8	66.6
≥ 8000	51.2	64.4	65.9	67.0	67.5	67.7	67.9	68.1	68.1	68.2	68.4	68.4	68.5	68.5	68.7	69.5
≥ 7000	52.2	65.9	67.5	68.7	69.2	69.4	69.6	69.8	69.8	69.9	70.0	70.0	70.2	70.2	70.4	71.2
≥ 6000	52.6	66.6	68.2	69.4	69.9	70.1	70.3	70.5	70.5	70.6	70.7	70.7	70.9	70.9	71.1	71.9
≥ 5000	53.9	68.6	70.3	71.5	72.1	72.3	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.2	74.0
≥ 4500	55.6	71.1	72.9	74.1	74.8	75.0	75.2	75.4	75.4	75.6	75.7	75.7	75.8	75.8	76.0	76.8
≥ 4000	57.0	72.9	74.7	76.0	76.6	76.9	77.1	77.3	77.3	77.4	77.6	77.6	77.7	77.7	77.9	78.7
≥ 3500	58.1	74.8	76.6	77.9	78.6	78.8	79.0	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.9	80.7
≥ 3000	59.5	76.8	78.7	80.1	80.9	81.2	81.4	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.3	83.1
≥ 2500	60.5	78.6	80.6	82.2	83.0	83.3	83.5	83.8	83.8	83.9	84.1	84.1	84.2	84.2	84.4	85.2
≥ 2000	61.3	79.9	82.0	83.6	84.5	84.8	85.1	85.3	85.3	85.4	85.6	85.6	85.7	85.7	86.0	86.7
≥ 1800	61.6	80.6	82.7	84.3	85.2	85.5	85.8	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.7	87.5
≥ 1500	62.0	81.4	83.6	85.4	86.4	86.7	87.0	87.2	87.2	87.4	87.5	87.5	87.7	87.7	87.9	88.7
≥ 1200	62.2	82.1	84.4	86.3	87.3	87.6	87.9	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.9	89.7
≥ 1000	62.4	82.7	85.0	87.1	88.1	88.5	88.8	89.1	89.1	89.3	89.4	89.4	89.6	89.6	89.8	90.6
≥ 900	62.4	83.1	85.5	87.6	88.8	89.2	89.5	89.8	89.8	90.0	90.1	90.1	90.3	90.3	90.5	91.3
≥ 800	62.5	83.3	85.7	88.1	89.3	89.8	90.1	90.5	90.5	90.6	90.8	90.8	90.9	90.9	91.1	92.0
≥ 700	62.6	83.7	86.3	88.8	90.1	90.7	91.1	91.4	91.4	91.6	91.8	91.8	91.9	91.9	92.1	93.0
≥ 600	62.7	84.0	86.6	89.3	90.8	91.3	91.9	92.4	92.4	92.6	92.8	92.8	92.9	92.9	93.2	94.0
≥ 500	62.7	84.4	87.2	90.3	91.9	92.6	93.4	93.9	93.9	94.2	94.5	94.5	94.6	94.6	94.8	95.7
≥ 400	62.7	84.6	87.4	90.7	92.6	93.4	94.5	95.2	95.2	95.6	95.9	95.9	96.0	96.0	96.3	97.1
≥ 300	62.7	84.6	87.5	90.9	92.8	93.6	94.8	95.7	95.8	96.4	96.7	96.7	96.9	96.9	97.2	98.0
≥ 200	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.7	97.2	97.2	97.5	97.5	97.9	98.7
≥ 100	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.8	97.3	97.3	97.7	97.7	98.2	99.2
≥ 0	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.8	97.3	97.3	97.7	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	47.8	53.2	53.6	54.2	54.7	54.7	55.4	55.7	55.7	55.8	55.8	55.8	56.3	56.3	56.5	57.2
≥ 20000	49.9	55.7	56.1	56.8	57.4	57.4	58.1	58.3	58.3	58.5	58.5	58.5	59.9	58.9	59.2	59.9
≥ 18000	49.9	55.7	56.1	56.8	57.4	57.4	58.1	58.3	58.3	58.5	58.5	58.5	59.9	58.9	59.2	59.9
≥ 16000	49.9	55.7	56.1	56.8	57.4	57.4	58.1	58.3	58.3	58.5	58.5	58.5	59.9	58.9	59.2	59.9
≥ 14000	49.9	55.7	56.3	56.9	57.5	57.5	58.2	58.5	58.5	58.6	58.6	58.6	59.0	59.0	59.3	60.0
≥ 12000	50.3	56.1	56.7	57.4	57.9	57.9	58.6	58.9	58.9	59.0	59.0	59.0	59.4	59.4	59.7	60.4
≥ 10000	52.9	59.2	59.7	60.4	61.0	61.1	61.8	62.1	62.1	62.2	62.2	62.2	62.6	62.6	62.9	63.6
≥ 9000	53.1	59.3	59.9	60.6	61.1	61.3	61.9	62.2	62.2	62.4	62.4	62.4	62.8	62.8	63.1	63.8
≥ 8000	53.9	61.0	61.5	62.2	62.8	62.9	63.6	63.9	63.9	64.0	64.0	64.0	64.4	64.4	64.7	65.4
≥ 7000	55.3	62.4	62.9	63.6	64.2	64.3	65.0	65.3	65.3	65.4	65.4	65.4	65.8	65.8	66.1	66.8
≥ 6000	56.1	63.3	63.9	64.9	65.4	65.6	66.3	66.5	66.5	66.7	66.7	66.7	67.1	67.1	67.4	68.1
≥ 5000	57.8	66.1	66.7	67.8	68.3	68.6	69.3	69.6	69.6	69.7	69.7	69.7	70.1	70.1	70.4	71.1
≥ 4500	60.4	69.9	70.4	71.5	72.1	72.5	73.2	73.5	73.5	73.6	73.6	73.6	74.0	74.0	74.3	75.0
≥ 4000	62.2	71.8	72.4	73.5	74.0	74.4	75.1	75.4	75.4	75.6	75.6	75.6	76.0	76.0	76.3	76.9
≥ 3500	62.9	73.2	73.8	74.9	75.4	75.8	76.5	76.8	76.8	76.9	76.9	76.9	77.4	77.4	77.6	78.3
≥ 3000	63.6	74.6	75.3	76.4	76.9	77.4	78.1	78.5	78.5	78.8	78.8	78.8	79.2	79.2	79.4	80.1
≥ 2500	64.0	75.3	76.1	77.2	77.9	78.3	79.0	79.4	79.4	79.7	79.7	79.7	80.1	80.1	80.4	81.1
≥ 2000	65.3	77.2	78.1	79.2	79.9	80.3	81.0	81.4	81.4	81.7	81.7	81.7	82.1	82.1	82.4	83.1
≥ 1800	65.3	77.4	78.3	79.4	80.3	80.7	81.4	81.8	81.8	82.1	82.1	82.1	82.5	82.5	82.8	83.5
≥ 1500	65.7	78.3	79.3	80.4	81.3	81.7	82.4	82.8	82.8	83.1	83.1	83.1	83.5	83.5	83.8	84.4
≥ 1200	66.4	79.2	80.1	81.3	82.1	82.9	83.8	84.2	84.2	84.4	84.4	84.4	84.9	84.9	85.1	85.8
≥ 1000	67.1	80.6	81.5	82.6	83.5	84.3	85.1	85.6	85.6	85.8	85.8	85.8	86.3	86.3	86.5	87.2
≥ 900	67.2	81.1	82.1	83.2	84.0	84.9	85.7	86.1	86.1	86.4	86.4	86.4	86.8	86.8	87.1	87.8
≥ 800	67.2	81.4	82.4	83.6	84.4	85.3	86.1	86.5	86.5	86.8	86.8	86.8	87.2	87.2	87.5	88.2
≥ 700	67.2	81.9	82.9	84.2	85.0	85.8	86.8	87.2	87.2	87.5	87.5	87.5	87.9	87.9	88.2	88.9
≥ 600	67.2	82.2	83.2	84.6	85.4	86.3	87.2	87.8	87.8	88.1	88.1	88.1	88.5	88.5	88.8	89.4
≥ 500	67.2	83.3	84.4	86.0	86.8	88.1	89.3	89.9	89.9	90.1	90.1	90.1	90.6	90.6	90.8	91.5
≥ 400	67.2	83.5	84.7	86.3	87.2	88.9	90.7	91.3	91.3	91.5	91.5	91.5	91.9	91.9	92.2	92.9
≥ 300	67.2	83.5	84.7	86.5	87.5	89.4	91.7	92.5	92.5	92.9	92.9	92.9	93.3	93.3	93.6	94.3
≥ 200	67.2	83.8	85.0	86.8	87.8	89.7	92.4	93.2	93.2	94.3	94.4	94.4	94.9	94.9	95.4	96.1
≥ 100	67.2	83.8	85.0	86.8	87.8	89.7	92.6	93.5	93.5	94.7	94.9	94.9	95.8	95.8	96.7	97.6
≥ 0	67.2	83.8	85.0	86.8	87.8	89.7	92.6	93.5	93.5	94.7	94.9	94.9	96.1	96.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.4	51.7	52.5	53.2	53.3	53.6	53.9	54.4	54.4	54.6	54.9	54.9	55.3	55.3	55.7	56.3
≥ 2000	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1800	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1600	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1400	47.6	54.3	55.3	56.4	56.5	56.8	57.1	57.6	57.6	57.8	58.1	58.1	58.5	58.5	58.9	59.4
≥ 1200	47.9	54.6	55.6	56.7	56.8	57.1	57.4	57.9	57.9	58.1	58.3	58.3	58.8	58.8	59.2	59.7
≥ 1000	49.9	56.9	57.9	59.0	59.2	59.4	59.7	60.3	60.3	60.4	60.7	60.7	61.1	61.1	61.5	62.1
≥ 900	50.3	57.4	58.3	59.4	59.6	59.9	60.1	60.7	60.7	60.8	61.1	61.1	61.5	61.5	61.9	62.5
≥ 800	51.7	59.0	60.0	61.3	61.5	61.8	62.1	62.6	62.6	62.8	63.1	63.1	63.5	63.5	63.9	64.4
≥ 700	52.6	60.6	61.5	62.8	63.1	63.3	63.6	64.2	64.2	64.3	64.6	64.6	65.0	65.0	65.4	66.0
≥ 600	53.3	61.4	62.4	63.9	64.2	64.4	64.7	65.3	65.3	65.4	65.7	65.7	66.1	66.1	66.5	67.1
≥ 500	53.9	63.6	64.6	66.1	66.5	66.8	67.1	67.6	67.6	67.8	68.1	68.1	68.5	68.5	68.9	69.4
≥ 4500	56.3	67.4	68.3	69.9	70.3	70.7	71.0	71.5	71.5	71.7	71.9	71.9	72.4	72.4	72.8	73.3
≥ 4000	56.8	68.3	69.3	70.8	71.3	71.7	71.9	72.5	72.5	72.6	72.9	72.9	73.3	73.3	73.8	74.3
≥ 3500	57.8	69.7	70.7	72.2	72.6	73.1	73.3	73.9	73.9	74.0	74.3	74.3	74.7	74.7	75.1	75.7
≥ 3000	58.6	70.8	71.8	73.3	73.8	74.2	74.4	75.0	75.0	75.1	75.4	75.4	75.9	75.9	76.3	76.8
≥ 2500	61.1	73.6	74.6	76.1	76.5	77.1	77.4	77.9	77.9	78.1	78.3	78.3	78.8	78.8	79.2	79.7
≥ 2000	61.7	75.6	76.5	78.1	78.5	79.2	79.4	80.0	80.0	80.1	80.4	80.4	80.8	80.8	81.3	81.8
≥ 1800	62.5	76.5	77.5	79.0	79.4	80.1	80.4	81.0	81.0	81.1	81.4	81.4	81.8	81.8	82.2	82.6
≥ 1500	62.6	77.4	78.3	79.9	80.3	81.0	81.3	81.8	81.8	81.9	82.2	82.2	82.6	82.6	83.1	83.6
≥ 1200	63.1	78.2	79.2	80.7	81.1	81.8	82.1	82.6	82.6	82.8	83.1	83.1	83.5	83.5	83.9	84.4
≥ 1000	63.5	78.8	79.9	81.4	81.9	82.6	83.1	83.8	83.8	83.9	84.2	84.2	84.6	84.6	85.0	85.6
≥ 900	63.6	78.9	80.0	81.5	82.1	82.8	83.9	84.6	84.6	84.7	85.1	85.1	85.6	85.6	86.0	86.5
≥ 800	63.6	79.3	80.4	81.9	82.5	83.2	84.3	85.0	85.0	85.1	85.6	85.6	86.0	86.0	86.4	86.9
≥ 700	63.6	80.0	81.3	82.8	83.3	84.0	85.3	86.0	86.0	86.1	86.5	86.5	86.9	86.9	87.4	87.9
≥ 600	63.6	80.8	82.2	83.8	84.3	85.0	86.3	86.9	86.9	87.1	87.5	87.5	87.9	87.9	88.3	88.9
≥ 500	63.8	81.4	82.8	84.6	85.6	86.3	87.9	88.6	88.6	88.8	89.2	89.2	89.6	89.6	90.0	90.6
≥ 400	63.9	81.9	83.5	85.6	86.5	87.2	88.9	90.0	90.0	90.3	90.8	90.8	91.5	91.5	91.9	92.5
≥ 300	64.0	82.4	83.9	86.1	87.4	88.1	89.9	91.5	91.5	91.8	92.4	92.4	93.1	93.1	93.6	94.2
≥ 200	64.0	82.5	84.2	86.7	88.1	88.8	91.1	92.9	92.9	93.3	94.0	94.0	94.9	94.9	95.7	96.5
≥ 100	64.0	82.8	84.4	86.9	88.5	89.2	91.5	93.3	93.3	94.2	95.3	95.3	96.4	96.4	97.2	98.5
≥ 0	64.0	82.8	84.4	86.9	88.5	89.2	91.5	93.3	93.3	94.2	95.3	95.3	96.5	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9773

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	39.6	48.7	49.4	50.9	51.5	51.6	52.0	52.6	52.6	52.7	52.9	52.9	53.1	53.1	53.4	54.4
≥ 20000	42.1	52.7	53.5	55.2	56.1	56.2	56.6	57.3	57.3	57.4	57.7	57.7	58.0	58.0	58.3	59.2
IV 18000	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
IV 16000	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
IV 14000	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
IV 12000	42.7	53.5	54.5	56.2	57.2	57.3	57.7	58.4	58.4	58.6	58.8	58.8	59.1	59.1	59.4	60.4
IV 10000	44.2	55.5	56.6	58.3	59.2	59.4	59.8	60.5	60.5	60.6	60.9	60.9	61.2	61.2	61.5	62.7
IV 9000	44.5	55.8	56.9	58.6	59.5	59.7	60.1	60.8	60.8	60.9	61.2	61.2	61.5	61.5	61.8	63.0
IV 8000	45.6	57.2	58.3	59.9	61.1	61.3	61.8	62.6	62.6	62.7	63.0	63.0	63.3	63.3	63.6	64.8
IV 7000	46.5	58.1	59.2	61.1	62.2	62.4	62.9	63.7	63.7	63.8	64.1	64.1	64.4	64.4	64.7	65.9
IV 6000	46.7	58.7	59.8	61.6	62.7	63.0	63.4	64.3	64.3	64.4	64.7	64.7	65.0	65.0	65.2	66.5
IV 5000	48.3	61.5	62.6	64.7	65.9	66.2	66.6	67.5	67.5	67.6	67.9	67.9	68.2	68.2	68.4	69.7
IV 4500	49.4	64.3	65.4	67.5	68.8	69.1	69.5	70.7	70.7	70.8	71.1	71.1	71.3	71.3	71.6	72.9
IV 4000	49.9	65.2	66.3	68.4	69.8	70.1	70.5	71.6	71.6	71.8	72.0	72.0	72.3	72.3	72.6	73.9
IV 3500	51.2	66.6	67.7	69.8	71.2	71.5	71.9	73.0	73.0	73.2	73.4	73.4	73.7	73.7	74.0	75.2
IV 3000	51.9	68.0	69.4	71.6	73.0	73.3	73.7	74.8	74.8	75.1	75.4	75.4	75.7	75.7	75.9	77.2
IV 2500	53.5	70.2	71.8	74.3	75.7	75.9	76.4	77.5	77.5	77.7	78.0	78.0	78.3	78.3	78.6	79.8
IV 2000	54.4	71.5	73.0	75.7	77.1	77.3	77.7	78.9	78.9	79.3	79.6	79.6	79.8	79.8	80.1	81.4
IV 1800	55.1	72.3	74.1	76.9	78.3	78.6	79.0	80.1	80.1	80.5	80.8	80.8	81.1	81.1	81.4	82.6
IV 1500	55.5	73.0	75.1	78.2	79.6	80.0	80.5	81.6	81.6	82.1	82.3	82.3	82.6	82.6	82.9	84.1
IV 1200	55.8	73.4	75.5	78.6	80.1	80.5	81.2	82.3	82.3	82.8	83.0	83.0	83.3	83.3	83.6	84.8
IV 1000	55.8	74.0	76.2	79.3	80.8	81.2	81.9	83.0	83.0	83.4	83.7	83.7	84.0	84.0	84.3	85.5
IV 900	55.8	74.1	76.4	79.4	80.9	81.4	82.1	83.2	83.2	83.6	83.9	83.9	84.1	84.1	84.4	85.7
IV 800	55.9	74.5	77.1	80.1	81.6	82.1	82.8	83.9	83.9	84.3	84.6	84.6	84.8	84.8	85.1	86.4
IV 700	55.9	74.8	77.6	80.6	82.3	82.9	83.7	84.8	84.8	85.3	85.5	85.5	85.8	85.8	86.1	87.3
IV 600	55.9	75.2	78.0	81.5	83.0	83.9	84.8	86.0	86.0	86.4	86.6	86.6	86.9	86.9	87.2	88.5
IV 500	56.1	75.7	78.9	82.8	84.4	85.8	86.9	88.3	88.3	88.7	89.0	89.0	89.3	89.3	89.6	90.8
IV 400	56.3	75.9	79.4	83.4	85.3	86.8	88.3	89.8	89.8	90.5	90.8	90.8	91.1	91.1	91.4	92.6
IV 300	56.5	76.1	79.6	83.7	85.7	87.2	88.7	90.3	90.3	91.1	91.7	91.7	91.9	91.9	92.2	93.5
IV 200	56.5	76.1	80.0	84.3	87.1	88.9	90.8	92.5	92.5	93.6	94.3	94.3	95.0	95.0	95.3	96.5
IV 100	56.5	76.1	80.0	84.3	87.1	88.9	91.0	92.6	92.6	93.9	95.0	95.0	96.0	96.0	96.2	97.9
IV 0	56.5	76.1	80.0	84.3	87.1	88.9	91.0	92.6	92.6	93.9	95.0	95.0	96.0	96.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥4	≥0
NO CEILING	38.6	47.9	49.0	49.4	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	50.0
≥2000	43.3	55.7	57.1	57.8	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥1800	43.8	55.8	57.2	58.1	58.3	58.3	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥1600	43.8	55.8	57.2	58.1	58.3	58.3	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥1400	43.8	56.0	57.4	58.2	58.5	58.5	58.5	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	59.0
≥1200	43.9	56.4	57.9	58.8	59.3	59.3	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥1000	45.7	58.9	60.4	61.3	61.9	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.6
≥900	46.5	60.0	61.5	62.4	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.8
≥800	47.6	61.9	63.5	64.4	65.1	65.1	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.8
≥700	48.6	63.1	64.6	65.6	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.9
≥600	49.2	63.8	65.3	66.3	66.9	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6
≥500	49.9	65.6	67.1	68.1	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.4
≥450	51.1	67.9	69.4	70.4	71.1	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.8
≥400	52.1	69.2	70.7	71.7	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	73.1
≥350	52.8	69.9	71.5	72.8	73.5	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	74.2
≥300	54.6	72.4	74.0	75.4	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.8
≥250	55.3	73.3	75.0	76.4	77.1	77.1	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.8
≥200	56.4	75.0	76.8	78.5	79.2	79.3	79.4	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	80.3
≥180	56.9	75.7	77.5	79.3	80.0	80.1	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.3
≥150	57.5	77.2	79.2	81.1	81.9	82.1	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	83.2
≥120	57.6	78.3	80.4	82.4	83.2	83.3	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.4
≥100	57.8	79.7	82.1	84.3	85.3	85.4	85.7	86.0	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.8
≥90	57.8	80.3	82.6	84.9	86.0	86.4	86.7	86.9	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.8
≥80	57.8	80.3	82.6	85.3	86.4	86.8	87.1	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	88.2
≥70	57.8	80.8	83.3	86.3	87.4	87.8	88.1	88.3	88.3	88.6	88.8	88.8	88.8	88.8	88.8	89.2
≥60	57.8	80.8	83.3	86.4	87.8	88.5	88.8	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	90.0
≥50	57.8	81.1	83.9	87.4	88.8	89.6	90.0	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.7
≥40	57.8	81.3	84.3	88.2	90.1	91.3	92.4	93.3	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.7
≥30	57.8	81.3	84.4	88.5	90.8	92.1	93.5	94.6	94.6	96.5	96.8	96.8	96.8	96.9	96.9	97.4
≥20	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.6	97.9	98.2	98.6
≥10	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.6	97.9	98.1	99.2
≥0	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.6	97.9	98.1	99.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	35.3	44.6	44.8	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	43.1	55.4	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	43.1	55.4	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	43.1	55.4	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	43.1	55.5	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	43.8	56.3	56.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	46.2	59.2	59.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	47.0	60.5	60.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	48.4	62.2	62.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	48.4	62.6	63.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	48.4	62.6	63.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	49.8	64.8	65.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	52.0	67.3	68.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	55.4	70.8	71.6	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	57.4	73.2	74.1	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	60.1	76.5	77.7	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	60.9	77.9	79.3	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	61.9	79.4	80.8	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	62.2	80.0	81.4	83.0	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	62.4	81.6	83.2	84.8	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	62.7	82.6	84.1	85.8	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	62.7	83.6	85.3	87.3	88.0	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	62.7	83.9	85.7	87.9	88.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	62.9	84.3	86.1	88.3	89.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	62.9	84.7	87.2	90.3	91.7	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	63.0	85.4	87.9	91.2	93.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	63.0	85.7	88.3	91.9	93.7	95.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	63.0	85.8	88.6	92.8	94.9	96.4	97.4	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	63.0	85.8	88.6	92.9	95.1	96.8	97.8	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	63.0	85.8	88.7	93.2	95.4	97.1	98.1	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	63.0	85.8	88.7	93.2	95.4	97.1	98.1	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	63.0	85.8	88.7	93.2	95.4	97.1	98.1	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/4	≥ 0
NO CEILING	37.6	45.3	46.5	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	44.7	54.6	55.8	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	44.7	54.7	56.0	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	44.7	54.7	56.0	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	45.1	55.3	56.5	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	45.7	56.1	57.4	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	46.9	57.5	58.8	59.6	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	47.6	58.2	59.6	60.4	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	49.2	60.6	61.9	62.9	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	50.0	61.7	63.1	64.0	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	50.3	62.2	63.6	64.6	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	51.8	65.3	66.7	67.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	55.0	70.1	71.7	72.6	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	56.1	71.9	73.5	74.4	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	57.5	74.3	75.8	76.8	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	60.0	77.2	78.8	80.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	61.4	79.4	81.0	82.4	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	61.8	80.6	82.2	83.6	84.0	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	61.9	81.0	82.6	84.2	84.6	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	62.5	82.1	83.9	85.4	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	62.8	83.1	85.0	86.5	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	62.8	83.6	85.7	87.2	87.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	62.8	83.8	85.8	87.4	88.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	62.8	83.9	86.3	87.9	88.8	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	62.8	84.4	87.1	88.9	89.9	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	62.8	84.4	87.1	89.0	90.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 500	62.8	84.6	87.4	89.9	91.4	93.2	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	62.8	85.0	87.8	91.1	92.6	95.0	96.1	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	62.8	85.0	87.8	91.3	92.9	95.3	96.5	96.8	96.8	97.4	97.5	97.5	97.5	97.5	97.6	97.6
≥ 200	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	98.8	98.8	98.9	98.9
≥ 100	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	99.0	99.0	99.3	99.7
≥ 0	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	43.4	52.3	53.0	53.4	53.5	54.0	54.1	54.1	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	50.6	61.2	61.9	62.6	62.9	63.3	63.4	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	51.2	61.8	62.4	63.1	63.8	64.3	64.4	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	52.0	63.4	64.1	64.8	65.5	65.9	66.1	66.1	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	52.6	64.3	65.0	65.6	66.3	66.8	66.9	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	52.9	65.2	65.9	66.8	67.5	67.9	68.0	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	54.7	68.4	69.3	70.1	70.8	71.2	71.3	71.3	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	56.1	70.7	71.5	72.3	73.0	73.4	73.6	73.6	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	57.2	71.8	72.6	73.9	74.5	75.0	75.1	75.1	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	58.0	72.7	73.6	75.0	75.7	76.1	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	59.2	74.7	75.5	77.1	77.7	78.2	78.3	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	61.8	77.6	78.6	80.7	81.4	81.8	81.9	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	62.7	78.9	79.8	81.9	82.6	83.0	83.2	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	62.7	79.1	80.1	82.5	83.2	83.7	83.9	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	63.4	80.6	81.6	84.1	84.8	85.7	85.8	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	64.0	82.1	83.2	85.5	86.2	87.1	87.2	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	64.1	82.5	83.6	86.0	86.6	87.5	87.9	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	64.1	82.6	83.7	86.2	86.9	87.8	88.2	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	64.1	83.0	84.3	86.8	87.5	88.3	88.7	88.9	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	64.3	83.3	84.6	87.3	88.0	88.9	89.4	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	64.4	84.0	85.3	88.6	89.3	90.1	90.7	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	64.4	84.1	86.0	89.2	89.8	90.7	91.4	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	64.4	84.3	86.5	90.4	91.4	92.6	93.9	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	64.4	84.3	86.5	90.6	91.6	93.2	94.7	95.1	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	64.4	84.3	86.5	90.6	91.6	93.3	95.5	96.1	96.1	96.7	96.8	96.8	96.9	96.9	97.4	97.4
≥ 100	64.4	84.3	86.5	90.6	91.6	93.3	95.5	96.2	96.2	97.1	97.5	97.5	98.1	98.1	98.7	99.3
≥ 0	64.4	84.3	86.5	90.6	91.6	93.3	95.5	96.2	96.2	97.1	97.5	97.5	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

719

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.9	51.4	51.9	52.4	52.6	52.8	53.3	53.5	53.5	53.6	53.8	53.8	53.9	53.9	53.9	54.2
≥ 20000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
≥ 18000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
≥ 16000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
≥ 14000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
≥ 12000	49.2	58.3	59.0	59.9	60.3	60.4	61.1	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.9
≥ 10000	51.1	61.0	61.9	62.8	63.2	63.3	64.0	64.2	64.2	64.3	64.4	64.4	64.6	64.6	64.6	64.9
≥ 9000	51.1	61.0	61.9	62.8	63.2	63.3	64.3	64.4	64.4	64.6	64.7	64.7	64.9	64.9	64.9	65.1
≥ 8000	52.2	62.5	63.5	64.3	64.7	64.9	65.8	66.0	66.0	66.1	66.3	66.3	66.5	66.5	66.5	66.8
≥ 7000	52.9	63.6	64.6	65.4	65.8	66.0	66.9	67.1	67.1	67.2	67.4	67.4	67.6	67.6	67.6	67.9
≥ 6000	53.5	64.3	65.3	66.1	66.5	66.7	67.6	67.8	67.8	67.9	68.1	68.1	68.3	68.3	68.3	68.6
≥ 5000	56.7	67.6	68.8	69.6	70.0	70.1	71.1	71.3	71.3	71.4	71.5	71.5	71.8	71.8	71.8	72.1
≥ 4500	57.8	69.3	70.4	71.3	71.8	71.9	72.9	73.1	73.1	73.2	73.3	73.3	73.6	73.6	73.6	73.9
≥ 4000	59.0	71.0	72.1	73.1	73.8	73.9	75.0	75.1	75.1	75.3	75.4	75.4	75.7	75.7	75.7	76.0
≥ 3500	59.7	71.7	72.9	73.9	74.6	74.7	75.8	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.5	76.8
≥ 3000	61.0	74.6	75.8	76.8	77.6	77.8	78.9	79.0	79.0	79.3	79.4	79.4	79.7	79.7	79.7	80.0
≥ 2500	62.4	76.7	78.2	79.2	80.0	80.1	81.3	81.4	81.4	81.7	81.8	81.8	82.1	82.1	82.1	82.4
≥ 2000	62.9	77.9	79.6	80.6	81.5	81.7	82.8	82.9	82.9	83.2	83.3	83.3	83.8	83.8	83.8	84.0
≥ 1800	63.1	78.1	79.7	80.7	81.7	81.8	82.9	83.1	83.1	83.3	83.5	83.5	83.9	83.9	83.9	84.2
≥ 1500	63.3	78.3	80.1	81.1	82.2	82.5	83.6	83.8	83.8	84.2	84.3	84.3	84.7	84.7	84.7	85.0
≥ 1200	63.9	79.6	81.5	82.8	84.2	84.4	85.6	85.7	85.7	86.1	86.3	86.3	86.7	86.7	86.7	86.9
≥ 1000	64.0	80.1	82.1	83.3	84.7	85.0	86.1	86.3	86.3	86.8	86.9	86.9	87.4	87.4	87.4	87.6
≥ 900	64.4	80.6	83.1	84.3	85.7	86.0	87.1	87.2	87.2	87.8	87.9	87.9	88.3	88.3	88.3	88.6
≥ 800	64.4	80.6	83.1	84.4	86.0	86.3	87.4	87.5	87.5	88.1	88.2	88.2	88.6	88.6	88.6	88.9
≥ 700	64.4	81.3	83.8	85.1	86.7	86.9	88.1	88.2	88.2	88.8	88.9	88.9	89.3	89.3	89.3	89.6
≥ 600	64.4	81.7	84.2	85.7	87.2	87.5	88.6	88.8	88.8	89.3	89.4	89.4	89.9	89.9	89.9	90.1
≥ 500	64.4	82.1	84.7	86.4	87.9	88.5	89.6	89.9	89.9	90.7	90.8	90.8	91.3	91.3	91.3	91.5
≥ 400	64.4	82.2	85.0	86.8	88.8	89.7	91.3	91.9	91.9	92.8	92.9	92.9	93.3	93.3	93.3	93.6
≥ 300	64.4	82.2	85.0	86.9	88.9	89.9	92.2	92.9	92.9	93.8	93.9	93.9	94.4	94.4	94.4	94.7
≥ 200	64.4	82.2	85.0	86.9	88.9	90.0	92.9	93.8	93.8	95.1	95.4	95.4	96.1	96.1	96.3	96.5
≥ 100	64.4	82.2	85.0	86.9	89.2	90.3	93.6	94.4	94.4	96.3	96.7	96.7	97.6	97.6	97.9	98.3
≥ 0	64.4	82.2	85.0	86.9	89.2	90.3	93.6	94.4	94.4	96.3	96.7	96.7	98.2	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING ≥ 20000	41.5 45.3	49.4 55.5	50.1 56.3	50.8 57.2	51.0 57.5	51.2 57.7	51.4 58.0	51.6 58.2	51.6 58.2	51.7 58.3	51.8 58.4	51.8 58.4	52.0 58.6	52.0 58.6	52.1 58.7	52.5 59.1
IV 18000 IV 16000	45.9 45.9	55.5 55.5	56.4 56.4	57.3 57.3	57.6 57.6	57.8 57.8	58.1 58.1	58.3 58.3	58.3 58.3	58.4 58.4	58.5 58.5	58.5 58.5	58.7 58.7	58.7 58.7	58.8 58.8	59.1 59.1
IV 14000 IV 12000	46.0 46.5	55.7 56.3	56.5 57.1	57.4 58.1	57.7 58.5	57.9 58.6	58.2 58.9	58.4 59.1	58.4 59.1	58.5 59.3	58.6 59.4	58.6 59.4	58.8 59.5	58.8 59.5	58.9 59.6	59.3 60.0
IV 10000 IV 9000	48.4 48.9	58.7 59.2	59.6 60.2	60.5 61.1	60.9 61.6	61.1 61.9	61.4 62.2	61.6 62.4	61.6 62.4	61.8 62.5	61.9 62.6	61.9 62.6	62.0 62.8	62.0 62.8	62.2 62.9	62.5 63.3
IV 8000 IV 7000	50.1 50.9	61.0 62.0	61.9 63.0	62.9 64.0	63.5 64.6	63.7 64.8	64.0 65.1	64.3 65.4	64.3 65.4	64.4 65.5	64.5 65.6	64.5 65.6	64.7 65.8	64.7 65.8	64.8 65.9	65.2 66.3
IV 6000 IV 5000	51.3 52.8	62.7 65.4	63.6 66.4	64.6 67.5	65.3 68.1	65.6 68.4	65.9 68.7	66.1 68.9	66.1 68.9	66.2 69.0	66.3 69.2	66.3 69.2	66.5 69.3	66.5 69.3	66.6 69.4	67.0 69.8
IV 4500 IV 4000	54.8 56.1	68.4 70.0	69.4 71.1	70.6 72.3	71.2 73.0	71.5 73.3	71.8 73.6	72.1 73.9	72.1 73.9	72.2 74.0	72.3 74.1	72.3 74.1	72.5 74.3	72.5 74.3	72.6 74.4	73.0 74.8
IV 3500 IV 3000	57.2 58.6	71.4 73.6	72.5 74.8	73.6 76.3	74.5 76.9	74.8 77.2	75.1 77.6	75.4 77.9	75.4 77.9	75.5 78.0	75.6 78.1	75.6 78.1	75.8 78.3	75.8 78.3	75.9 78.4	76.3 78.8
IV 2500 IV 2000	60.0 60.9	75.5 77.0	76.6 78.4	78.4 80.0	79.1 80.7	79.4 81.1	79.7 81.4	80.0 81.7	80.0 81.7	80.2 82.0	80.3 82.1	80.3 82.1	80.5 82.2	80.5 82.2	80.6 82.4	81.0 82.8
IV 1800 IV 1500	61.2 61.6	77.5 78.6	78.9 80.1	80.6 81.9	81.4 82.7	81.8 83.2	82.1 83.6	82.4 83.9	82.4 83.9	82.6 84.1	82.8 84.2	82.8 84.2	82.9 84.4	82.9 84.4	83.1 84.5	83.5 84.9
IV 1200 IV 1000	62.0 62.2	79.6 80.4	81.1 82.0	82.9 83.9	83.6 84.9	84.4 85.5	84.8 86.0	85.1 86.3	85.1 86.3	85.3 86.6	85.4 86.7	85.4 86.7	85.6 86.9	85.6 86.9	85.8 87.0	86.2 87.4
IV 900 IV 800	62.3 62.3	80.6 80.9	82.4 82.8	84.3 84.8	85.3 85.8	86.0 86.5	86.6 87.1	87.0 87.5	87.0 87.5	87.2 87.7	87.4 87.8	87.4 87.8	87.5 88.0	87.5 88.0	87.7 88.2	88.1 88.6
IV 700 IV 600	62.4 62.4	81.4 81.8	83.5 83.9	85.7 86.3	86.6 87.5	87.5 88.4	88.2 89.1	88.6 89.5	88.6 89.5	88.8 89.8	89.0 89.9	89.0 89.9	89.1 90.1	89.1 90.1	89.3 90.3	89.7 90.7
IV 500 IV 400	62.4 62.5	82.2 82.5	84.5 85.0	87.3 88.1	88.6 89.6	89.6 91.0	90.7 92.4	91.2 93.1	91.2 93.1	91.5 93.6	91.7 93.7	91.7 93.7	91.9 94.0	91.9 94.0	92.0 94.1	92.4 94.5
IV 300 IV 200	62.5 62.5	82.6 82.6	85.1 85.2	88.3 88.6	90.0 90.3	91.5 91.9	93.1 94.0	94.0 95.0	94.0 95.0	94.7 96.0	95.0 96.4	95.0 96.4	95.2 96.8	95.2 96.8	95.4 97.1	95.8 97.6
IV 100 IV 0	62.5 62.5	82.6 82.6	85.2 85.2	88.6 88.6	90.4 90.4	92.0 92.0	94.1 94.1	95.2 95.2	95.2 95.2	96.4 96.4	96.9 96.9	96.9 96.9	97.6 97.7	97.6 97.7	98.1 98.5	98.6 100.0

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	49.3	51.9	52.0	52.4	52.4	52.6	52.7	52.7	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	52.2	55.1	55.2	55.6	55.6	55.8	55.9	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	54.8	57.8	58.1	58.5	58.5	58.6	58.7	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	57.9	61.3	61.7	62.1	62.1	62.2	62.4	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	57.9	61.8	62.2	62.6	62.6	62.8	62.9	62.9	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	60.3	64.7	65.1	65.5	65.5	65.6	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	61.3	65.6	66.0	66.4	66.4	66.5	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	61.7	66.3	66.7	67.1	67.1	67.2	67.3	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	64.0	70.3	70.7	71.1	71.1	71.2	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	65.7	73.1	73.5	74.1	74.1	74.3	74.5	74.5	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	66.8	74.7	75.3	75.8	75.9	76.1	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	67.9	75.9	76.5	77.2	77.3	77.4	77.6	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	70.2	79.0	79.7	80.4	80.5	80.6	80.9	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	71.6	81.2	81.9	82.7	82.8	82.9	83.2	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	73.1	83.5	84.3	85.2	85.3	85.5	85.8	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	73.1	83.9	84.7	85.8	86.0	86.2	86.4	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	73.1	84.9	85.8	86.8	87.1	87.2	87.6	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	73.3	86.2	87.0	88.0	88.4	88.6	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000	73.4	87.0	87.9	89.0	89.4	89.5	89.9	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	73.7	87.4	88.6	89.9	90.7	90.9	91.3	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	73.7	87.4	88.8	90.2	91.0	91.1	91.5	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	74.1	87.8	89.2	90.6	91.5	91.7	92.1	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	74.1	87.9	89.7	91.1	92.2	92.3	92.7	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	74.2	89.0	90.9	92.7	93.8	94.1	94.8	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	74.2	89.2	91.3	93.3	94.4	95.0	96.0	96.1	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	74.2	89.4	91.8	93.8	95.2	95.8	96.9	97.0	97.0	97.8	98.3	98.3	98.3	98.3	98.5	98.5
≥ 200	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.5	98.9	98.9	98.9	98.9	99.3	99.3
≥ 100	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.8	99.2	99.2	99.3	99.3	99.7	99.7
≥ 0	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.8	99.2	99.2	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.5	52.7	52.8	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
≥ 20000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 18000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 16000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 14000	52.4	56.0	56.2	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 12000	54.7	58.3	58.5	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 10000	57.4	61.3	61.4	62.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 9000	58.2	62.5	62.8	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	61.0	65.6	66.0	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	61.7	66.3	66.7	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9
≥ 6000	62.4	66.9	67.3	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 5000	65.6	71.6	72.2	73.1	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 4500	66.7	73.3	73.7	74.6	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 4000	67.3	75.1	75.7	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 3500	68.8	77.2	77.7	78.8	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 3000	70.6	79.6	80.6	81.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 2500	72.6	82.4	83.5	84.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 2000	73.0	83.2	84.3	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 1800	73.3	84.0	85.1	86.4	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1500	73.8	85.1	86.4	88.0	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1200	73.8	85.6	87.2	88.8	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1000	74.3	86.3	88.0	89.9	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 900	74.3	86.6	88.3	90.2	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 800	74.3	86.7	88.6	90.5	90.9	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 700	74.3	87.0	89.1	91.0	91.4	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 600	74.5	87.8	90.1	92.2	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 500	74.9	88.8	91.4	93.8	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 400	74.9	89.1	91.8	94.5	95.2	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 300	75.0	89.7	92.3	95.2	96.0	96.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.4
≥ 200	75.0	89.7	92.3	95.3	96.1	96.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
≥ 100	75.0	89.7	92.3	95.3	96.2	97.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9
≥ 0	75.0	89.7	92.3	95.3	96.2	97.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	47.5	52.5	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0
≥ 20000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 18000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 16000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 14000	52.8	58.4	59.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 12000	54.2	60.2	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8
≥ 10000	55.5	61.6	62.9	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7
≥ 9000	55.7	62.2	63.4	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 8000	57.7	64.7	66.1	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 7000	58.4	65.8	67.2	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 6000	59.6	67.3	68.6	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 5000	62.0	70.5	71.9	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 4500	63.5	72.3	73.9	74.7	75.2	75.2	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.9	75.8
≥ 4000	64.1	73.6	75.2	76.0	76.6	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 3500	65.0	75.4	77.1	77.9	78.5	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
≥ 3000	66.4	77.1	79.1	80.1	80.8	80.8	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 2500	67.2	78.3	80.8	82.0	82.6	82.6	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 2000	68.6	80.3	82.9	84.1	85.2	85.3	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 1800	68.6	80.6	83.3	84.5	85.6	85.7	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.7	86.7
≥ 1500	69.0	81.4	84.3	85.9	86.9	87.1	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1200	69.3	82.1	84.9	86.5	87.6	87.9	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 1000	69.7	82.8	85.7	87.5	88.6	88.8	89.5	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 900	69.7	83.0	86.1	88.0	89.1	89.4	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 800	69.9	83.6	86.7	88.8	89.9	90.2	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 700	70.3	84.3	87.3	89.6	90.7	91.0	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 600	70.3	84.8	88.2	90.7	91.8	92.1	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.3	93.3
≥ 500	70.3	85.1	89.0	91.8	93.1	93.5	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 400	70.7	85.6	89.6	92.9	94.5	95.0	95.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 300	70.7	85.7	89.8	93.3	95.2	96.0	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 200	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 100	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	42.2	46.2	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	48.5	54.0	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	48.7	54.2	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	48.7	54.2	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	48.8	54.3	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	51.3	57.1	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	55.1	61.2	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9500	55.6	61.7	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	57.1	63.8	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	57.8	64.8	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	58.2	65.6	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	59.1	66.9	68.5	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 4500	61.3	70.3	71.9	72.3	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.8
≥ 4000	62.9	72.7	74.3	74.9	74.9	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.7	75.7
≥ 3500	64.2	74.6	76.3	77.0	77.0	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 3000	66.4	77.4	79.2	80.2	80.2	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 2500	67.1	78.2	80.1	81.3	81.5	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 2000	67.7	79.2	81.0	82.5	82.8	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 1800	67.9	79.6	81.5	82.9	83.2	83.5	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1500	68.0	80.2	82.4	84.0	84.3	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1200	68.1	81.0	83.3	84.9	85.2	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 1000	68.1	81.9	84.3	86.3	86.7	87.1	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 900	68.1	82.4	85.1	87.6	88.0	88.4	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 800	68.1	83.1	85.8	89.0	89.4	89.9	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.9	90.9
≥ 700	68.1	83.3	86.0	89.7	90.1	90.7	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7
≥ 600	68.1	83.5	86.2	90.2	90.9	91.5	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5
≥ 500	68.1	83.7	86.7	91.4	92.6	93.8	94.5	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 400	68.1	83.7	86.7	91.7	93.1	94.8	95.7	96.1	96.1	96.5	96.6	96.6	96.6	96.8	96.9	96.9
≥ 300	68.1	83.7	86.8	91.8	93.3	95.2	96.4	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.6	97.6
≥ 200	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.6	97.7	98.4	98.7	98.7	98.8	98.9	99.2	99.2
≥ 100	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.9	100.0
≥ 0	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	42.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	48.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	48.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	48.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	48.6	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	52.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	54.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	55.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	57.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	58.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	58.5	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	59.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	61.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	63.9	72.8	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	64.8	74.0	74.4	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	67.9	77.2	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	70.2	80.7	81.1	81.1	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	71.4	82.5	82.9	82.9	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	72.4	83.7	84.1	84.2	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	72.4	84.5	84.9	85.0	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	72.5	85.6	86.4	86.7	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	72.5	86.8	87.9	88.1	88.3	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	72.5	87.2	88.7	89.1	89.5	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	72.5	87.9	89.4	90.3	90.7	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	72.6	88.4	90.2	91.5	91.9	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	72.6	88.4	90.3	92.0	92.5	93.0	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	72.6	88.7	91.1	93.1	93.8	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	72.6	89.4	92.0	94.2	95.3	96.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	72.6	89.4	92.0	94.2	95.4	97.0	98.4	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	72.6	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	99.6	99.7	99.7	99.7	99.9	99.9	100.0
≥ 100	72.6	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	99.6	99.7	99.7	99.7	99.9	99.9	100.0
≥ 0	72.6	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	99.6	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DLC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	42.9	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	50.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	50.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	50.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	51.1	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	54.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	55.9	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	55.9	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	57.1	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	58.1	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	58.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	59.9	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500	61.4	68.3	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	62.6	69.6	70.4	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	64.2	72.6	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	66.5	76.5	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	67.7	78.2	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	68.5	79.7	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	69.8	80.8	82.4	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1500	69.1	82.0	83.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	69.9	84.0	86.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	70.2	84.8	86.8	88.2	88.7	88.7	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	70.2	85.3	87.4	88.7	89.2	89.2	89.2	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	70.3	85.9	87.9	89.2	89.8	89.8	89.8	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	70.3	86.0	88.2	89.5	90.2	90.2	90.2	90.2	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	70.3	86.4	88.8	90.3	91.1	91.1	91.1	91.1	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
≥ 500	70.3	86.4	89.2	91.0	91.9	92.3	92.6	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 400	70.3	86.6	89.9	91.8	92.9	93.7	95.2	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	70.3	86.6	90.5	92.5	94.0	95.2	96.8	97.7	97.7	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 200	70.3	86.6	90.5	92.5	94.1	95.3	97.3	98.4	98.4	99.2	99.3	99.3	99.3	99.7	99.7	99.7
≥ 100	70.3	86.7	90.6	92.6	94.2	95.4	97.4	98.5	98.5	99.3	99.5	99.5	99.5	100.0	100.0	100.0
≥ 0	70.3	86.7	90.6	92.6	94.2	95.4	97.4	98.5	98.5	99.3	99.5	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

53730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	52.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	53.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	56.7	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	57.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	58.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	59.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	60.2	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 5000	62.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	63.3	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	63.8	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	66.1	72.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	67.4	75.0	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	69.4	78.2	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	70.4	79.9	80.8	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	70.5	80.5	81.3	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	70.9	81.8	82.8	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	70.9	82.8	83.7	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	71.3	84.0	85.2	86.0	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	71.3	84.8	86.0	86.9	87.3	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	71.5	85.1	86.3	87.3	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	71.5	85.2	86.4	87.5	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	71.5	86.0	87.2	88.4	89.2	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	71.7	87.1	88.4	89.9	91.1	92.1	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3
≥ 400	71.7	88.0	89.4	91.4	93.0	94.1	94.9	95.6	95.6	95.8	96.0	96.0	96.1	96.1	96.2	96.2
≥ 300	71.9	88.4	89.8	92.2	94.2	95.6	96.5	97.4	97.4	97.8	98.0	98.0	98.1	98.1	98.3	98.3
≥ 200	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.1	99.1	99.2	99.2	99.3	99.3
≥ 100	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.2	99.2	99.3	99.5	99.7	99.9
≥ 0	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.2	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
97730

STATION NAME
ATLANTIC CITY NJ

YEARS
73-80

MONTH
DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	50.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.4	53.4	53.5
≥ 20000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9
IV 18000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9
IV 16000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9
IV 14000	53.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.3	57.3	57.4
IV 12000	55.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.1	59.1	59.3
≥ 10000	57.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.4	61.4	61.6
IV 9000	57.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.8
IV 8000	59.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.7	63.7	63.8
IV 7000	59.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.9	64.9	65.1
IV 6000	60.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.4
IV 5000	62.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	69.1	69.1	69.1	69.2	69.2	69.4
≥ 4500	63.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	71.0	71.0	71.0	71.1	71.1	71.2
IV 4000	63.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.9	71.9	71.9	72.0	72.0	72.2
≥ 3500	65.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.9	74.9	74.9	75.0	75.0	75.1
IV 3000	67.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	78.0	78.0	78.0	78.1	78.1	78.2
≥ 2500	69.5	79.8	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	81.0	81.0	81.0	81.2	81.2	81.3
IV 2000	71.1	82.4	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7	83.7	83.9	83.9	84.0
IV 1800	71.2	83.5	83.7	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.9	84.9	84.9	85.1	85.1	85.2
IV 1500	71.4	84.4	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.9	85.9	85.9	86.0	86.0	86.2
≥ 1200	71.5	85.1	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.8	86.8	87.0
IV 1000	71.9	85.8	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.8	87.8	87.8	87.9	87.9	88.0
IV 900	71.9	85.9	86.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	88.6	88.6	88.6	88.7	88.7	88.8
IV 800	72.0	86.3	86.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	89.0	89.0	89.0	89.1	89.1	89.2
IV 700	72.0	87.0	87.5	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.9	89.9	89.9	90.1	90.1	90.2
IV 600	72.0	87.5	88.0	89.5	90.5	90.5	90.5	90.5	90.5	90.5	91.8	91.8	91.8	91.9	91.9	92.1
≥ 500	72.0	87.8	88.6	90.2	91.1	91.1	91.1	91.1	91.1	91.1	92.7	92.7	92.7	92.9	92.9	93.0
IV 400	72.0	88.0	88.8	90.5	91.8	91.8	91.8	91.8	91.8	91.8	95.2	95.2	95.2	95.3	95.3	95.8
IV 300	72.0	88.3	89.1	90.7	92.2	92.2	92.2	92.2	92.2	92.2	96.6	96.6	96.6	96.8	96.8	97.3
IV 200	72.0	88.6	89.5	91.3	92.9	92.9	92.9	92.9	92.9	92.9	97.6	97.6	97.6	97.7	97.7	97.3
IV 100	72.0	88.6	89.5	91.3	92.9	92.9	92.9	92.9	92.9	92.9	98.4	98.4	98.4	98.5	98.5	99.1
U	72.0	88.6	89.5	91.3	92.9	92.9	92.9	92.9	92.9	92.9	98.7	98.7	98.7	98.8	98.8	99.3
	72.7	88.6	89.5	91.3	92.9	92.9	92.9	92.9	92.9	92.9	98.7	98.7	98.7	98.8	98.8	99.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	46.3	49.5	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 20000	51.0	54.9	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	51.1	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	51.1	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	51.5	55.5	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	53.8	58.0	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 10000	56.4	60.9	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 9000	56.8	61.5	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 8000	58.6	63.9	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	59.3	64.9	65.4	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 6000	59.9	65.8	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 5000	61.9	68.7	69.3	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 4500	63.3	70.8	71.4	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 4000	64.4	72.5	73.3	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 3500	65.9	74.5	75.4	75.9	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 3000	67.9	77.4	78.3	78.9	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2500	69.4	79.6	80.8	81.5	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 2000	70.5	81.3	82.5	83.3	83.6	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 1800	70.7	82.1	83.3	84.1	84.5	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 1500	71.0	83.1	84.4	85.4	85.7	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 1200	71.2	84.0	85.5	86.6	86.9	87.1	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1000	71.4	84.9	86.5	87.7	88.1	88.3	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	71.5	85.3	87.1	88.5	89.0	89.3	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 800	71.5	85.7	87.5	89.1	89.7	89.9	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 700	71.7	86.1	88.0	89.7	90.4	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 600	71.7	86.5	88.6	90.6	91.4	91.7	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 500	71.8	87.1	89.4	91.7	92.7	93.3	93.9	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 400	71.8	87.5	89.9	92.5	93.8	94.8	95.8	96.1	96.1	96.5	96.5	96.5	96.6	96.6	96.7	96.7
≥ 300	71.9	87.6	90.3	93.0	94.4	95.8	97.0	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.2
≥ 200	71.9	87.7	90.3	93.1	94.7	96.1	97.6	98.2	98.2	98.9	99.0	99.0	99.1	99.2	99.4	99.4
≥ 100	71.9	87.7	90.4	93.1	94.7	96.1	97.7	98.3	98.4	99.1	99.2	99.2	99.4	99.5	99.8	99.8
≥ 0	71.9	87.7	90.4	93.1	94.7	96.1	97.7	98.3	98.4	99.1	99.2	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-81
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.3 41.5	46.9 53.0	48.8 55.3	50.2 57.0	50.9 57.8	51.2 58.1	51.4 58.4	51.6 58.6	51.6 58.6	51.7 58.8	51.8 58.8	51.8 58.8	51.9 59.0	51.9 59.0	52.0 59.1	52.2 59.3
≥ 18000 ≥ 6000	41.5 41.5	53.0 53.1	55.3 55.4	57.0 57.1	57.8 57.8	58.2 58.2	58.5 58.5	58.7 58.7	58.7 58.7	58.8 58.9	58.9 58.9	58.9 58.9	59.0 59.1	59.0 59.1	59.2 59.2	59.3 59.4
≥ 14000 ≥ 7000	41.7 42.6	53.4 54.8	55.7 57.1	57.4 59.0	58.2 59.8	58.5 60.1	58.9 60.5	59.1 60.7	59.1 60.7	59.2 60.9	59.3 60.9	59.3 60.9	59.4 61.0	59.4 61.0	59.5 61.1	59.7 61.4
≥ 12000 ≥ 9000	44.3 44.8	57.3 57.9	59.8 60.5	61.8 62.5	62.6 63.4	63.0 63.8	63.4 64.1	63.6 64.3	63.6 64.3	63.8 64.5	63.9 64.6	63.9 64.6	64.0 64.7	64.0 64.7	64.1 64.8	64.3 65.1
≥ 8000 ≥ 7000	46.2 47.0	60.3 61.4	63.0 64.2	65.1 66.3	66.1 67.3	66.5 67.7	66.9 68.1	67.1 68.4	67.1 68.4	67.3 68.5	67.4 68.6	67.4 68.6	67.5 68.8	67.5 68.8	67.6 68.9	67.8 69.1
≥ 6000 ≥ 5000	47.4 48.7	61.9 64.0	64.8 67.0	66.9 69.2	67.9 70.2	68.3 70.7	68.7 71.1	69.0 71.3	69.0 71.3	69.2 71.5	69.2 71.6	69.2 71.6	69.4 71.7	69.4 71.7	69.5 71.9	69.7 72.1
≥ 4500 ≥ 4000	50.1 51.2	66.2 68.0	69.2 71.1	71.5 73.6	72.6 74.7	73.1 75.2	73.5 75.6	73.8 75.9	73.8 75.9	74.0 76.1	74.1 76.2	74.1 76.2	74.2 76.3	74.2 76.3	74.3 76.5	74.5 76.7
≥ 3500 ≥ 3000	52.2 53.3	69.4 71.2	72.6 74.6	75.1 77.3	76.3 78.6	76.8 79.1	77.3 79.6	77.5 79.8	77.5 79.8	77.7 80.1	77.8 80.1	77.8 80.1	78.0 80.3	78.0 80.3	78.1 80.4	78.3 80.6
≥ 2500 ≥ 2000	54.3 54.9	72.9 74.2	76.5 77.9	79.3 80.8	80.6 82.2	81.1 82.8	81.6 83.3	81.9 83.6	81.9 83.6	82.1 83.9	82.2 83.9	82.2 83.9	82.3 84.1	82.3 84.1	82.4 84.2	82.7 84.4
≥ 1800 ≥ 1500	55.2 55.5	74.7 75.7	78.5 79.6	81.5 82.7	82.9 84.2	83.5 84.9	84.0 85.4	84.3 85.8	84.3 85.8	84.6 86.0	84.6 86.1	84.6 86.1	84.8 86.2	84.8 86.3	84.9 86.4	85.1 86.6
≥ 1200 ≥ 1000	55.7 55.9	76.4 77.1	80.4 81.2	83.6 84.6	85.2 86.3	85.9 87.0	86.5 87.7	86.8 88.1	86.8 88.1	87.1 88.3	87.2 88.5	87.2 88.5	87.3 88.6	87.3 88.6	87.4 88.8	87.7 89.0
≥ 900 ≥ 800	55.9 56.0	77.4 77.7	81.6 82.0	85.1 85.6	86.9 87.4	87.6 88.2	88.3 89.0	88.7 89.4	88.7 89.4	89.0 89.7	89.1 89.8	89.1 89.8	89.3 90.0	89.3 90.0	89.4 90.1	89.7 90.3
≥ 700 ≥ 600	56.1 56.1	78.1 78.4	82.5 82.9	86.3 86.9	88.2 88.9	89.1 89.9	89.8 90.8	90.3 91.3	90.3 91.3	90.6 91.7	90.8 91.8	90.8 91.8	90.9 92.0	91.0 92.0	91.1 92.2	91.3 92.4
≥ 500 ≥ 400	56.2 56.2	78.7 79.0	83.4 83.6	87.7 88.3	89.9 90.7	91.1 92.0	92.2 93.4	92.9 94.2	92.9 94.2	93.4 94.3	93.5 94.9	93.5 95.1	93.8 95.1	93.8 95.3	93.9 95.4	94.1 95.7
≥ 300 ≥ 200	56.2 56.2	79.1 79.1	83.9 84.0	88.5 88.7	91.1 91.3	92.6 92.9	94.2 94.6	95.2 95.8	95.3 95.9	96.1 96.9	96.4 97.3	96.4 97.3	96.7 97.8	96.7 97.8	96.9 98.1	97.1 98.4
≥ 100 0	56.2 56.2	79.1 79.1	84.0 84.0	88.7 88.7	91.3 91.3	92.9 92.9	94.7 94.7	95.9 95.9	96.0 96.0	97.1 97.1	97.6 97.6	97.6 97.6	98.2 98.2	98.3 98.3	98.8 98.8	99.3 100.0

TOTAL NUMBER OF OBSERVATIONS 70066

PART D

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

- 1/10 and 4/10 into the 3/10 (scattered) category
- 5/10, 6/10 and 8/10 into the 9/10 (broken) category
- 0/10 is the clear category
- 10/10 is the overcast category

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	33.2			12.6						10.1	44.1	5.7	744
	03-05	33.8			13.2						9.2	43.8	5.6	740
	06-08	23.9			14.4						19.3	42.5	6.4	742
	09-11	18.4			17.9						20.8	42.9	6.7	744
	12-14	10.9			21.1						29.0	39.0	7.1	744
	15-17	12.2			22.2						26.5	39.1	7.0	744
	18-20	25.9			22.6						13.8	37.6	5.7	744
	21-23	30.4			20.2						11.5	37.9	5.4	739
TOTALS		23.6			18.0						17.5	40.9	6.2	5941

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	43.0			16.0						8.0	33.1	4.5	677
	03-05	43.3			11.0						10.1	35.6	4.8	672
	06-08	30.3			20.9						15.2	33.6	5.4	676
	09-11	23.8			21.0						20.2	35.0	6.0	677
	12-14	20.2			22.7						20.9	36.1	6.2	678
	15-17	19.5			23.5						22.9	34.1	6.2	677
	18-20	28.8			24.0						15.2	32.0	5.3	678
	21-23	38.8			18.1						10.5	32.6	4.7	678
TOTALS		31.0			19.7						15.4	34.0	5.4	5413

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

STATION

STATION NAME

PERIOD

ACKNOWLEDGMENTS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	38.4			9.3						17.8	39.6	5.4	743
	03-05	36.9			11.9						11.1	40.1	5.4	740
	06-08	22.7			19.6						19.4	38.3	6.2	741
	09-11	14.9			21.9						25.7	37.5	6.7	744
	12-14	11.4			22.6						26.9	39.1	7.0	744
	15-17	14.8			18.0						28.4	38.8	7.0	744
	18-20	20.9			18.8						22.7	37.6	6.4	743
	21-23	33.8			14.7						14.6	36.9	5.4	742
TOTALS		24.2			17.1						20.2	38.5	6.2	5941

FORM
JUL 64

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730 ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	38.7			13.8						11.8	35.7	5.1	719
	03-05	34.6			19.2						12.1	34.0	5.1	717
	06-08	24.6			22.3						21.1	32.0	5.8	719
	09-11	18.7			24.0						25.9	31.5	6.2	718
	12-14	15.7			23.2						27.2	33.9	6.5	720
	15-17	18.5			19.6						26.1	35.8	6.5	720
	18-20	22.5			22.1						21.3	34.2	6.0	720
	21-23	38.0			14.6						12.0	35.4	5.1	718
TOTALS		26.4			19.9						19.7	34.1	5.8	5751

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

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41

15

MAY

MONTH

4

4

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	33.6			16.4						15.4	34.7	5.3	709
	03-05	22.5			21.9						17.8	37.8	6.0	703
	06-08	17.9			20.8						25.3	36.0	6.5	716
	09-11	12.8			27.4						27.1	32.8	6.5	720
	12-14	5.6			31.4						35.8	27.2	6.9	717
	15-17	8.3			29.7						35.7	26.3	6.7	711
	18-20	12.9			27.1						33.8	26.2	6.5	713
	21-23	24.8			24.2						18.1	32.9	5.6	711
TOTALS		17.3			24.9						26.1	31.7	6.3	5700

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	33.8			14.9						15.0	36.3	5.4	725
	03-05	22.7			22.2						19.3	35.8	6.0	706
	06-08	19.9			23.8						26.4	30.0	6.1	724
	09-11	13.5			26.8						32.3	27.4	6.4	731
	12-14	4.5			35.9						36.4	23.2	6.7	741
	15-17	9.2			30.3						38.0	22.4	6.6	736
	18-20	14.3			28.4						29.8	27.6	6.3	736
	21-23	28.1			21.4						18.5	32.0	5.5	719
TOTALS		18.3			25.5						27.0	29.3	6.1	5818

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG

M. SMITH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	28.7			18.2						19.3	33.8	5.7	727
	03-05	26.2			20.3						18.8	34.7	5.8	698
	06-08	17.3			23.3						28.5	30.9	6.4	722
	09-11	16.5			25.7						29.9	27.9	6.3	732
	12-14	6.6			34.2						38.3	20.9	6.6	742
	15-17	10.8			31.4						33.0	24.9	6.4	740
	18-20	16.3			27.2						29.7	26.8	6.2	735
	21-23	27.3			21.7						20.6	30.5	5.5	715
TOTALS		18.7			25.3						27.3	28.8	6.1	5811

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

45

SKY COVER

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SFP	00-02	37.3			15.6						15.2	31.8	5.0	710
	03-05	33.6			17.4						15.7	33.3	5.3	694
	06-08	19.0			24.8						25.2	31.0	6.1	710
	09-11	15.6			26.0						27.1	31.3	6.4	719
	12-14	8.8			32.4						31.8	27.1	6.5	720
	15-17	12.2			34.1						25.6	28.1	6.1	719
	18-20	22.4			26.5						21.7	29.4	5.7	714
	21-23	32.9			23.1						14.8	29.2	4.9	702
TOTALS		22.7			25.0						22.1	30.2	5.8	5686

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

357

502

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	43.4			14.1						10.4	32.2	4.6	733
	03-05	40.9			15.8						8.2	35.1	4.7	723
	06-08	27.0			22.3						18.7	32.0	5.6	734
	09-11	19.1			28.4						24.2	28.3	5.9	743
	12-14	14.7			28.8						27.2	29.4	6.3	744
	15-17	19.0			26.5						26.9	27.6	6.0	743
	18-20	29.8			22.9						20.9	26.4	5.2	742
	21-23	40.7			16.5						14.1	28.7	4.6	728
TOTALS		29.3			21.9						18.8	30.0	5.4	5890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATF WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	37.2			16.1						12.3	34.4	5.0	709
	03-05	39.1			13.2						12.4	35.3	5.0	699
	06-08	25.4			23.0						19.2	32.3	5.7	712
	09-11	18.1			22.5						24.3	35.1	6.4	717
✓	12-14	14.7			21.4						31.1	32.8	6.7	720
	15-17	14.3			24.7						27.8	33.2	6.6	720
	18-20	25.6			23.3						16.5	34.6	5.6	720
	21-23	32.1			18.6						14.9	34.5	5.3	711
TOTALS		25.8			20.4						19.8	34.0	5.8	5708

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	37.5			13.3						12.3	36.9	5.2	742
	03-05	35.5			15.9						13.0	35.6	5.2	744
	06-08	26.9			21.2						17.6	34.3	5.6	744
	09-11	19.8			19.8						21.4	39.1	6.4	744
	12-14	15.1			22.3						25.5	37.1	6.7	744
	15-17	18.4			20.6						23.7	37.4	6.5	744
	18-20	28.4			15.7						16.9	39.0	5.9	744
	21-23	32.5			17.4						11.9	38.2	5.4	741
TOTALS		26.8			18.3						17.8	37.2	5.9	5947

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	23.6			19.0						17.5	40.9	6.2	5941
FEB		31.0			19.7						15.4	34.0	5.4	5413
MAR		24.2			17.1						20.2	38.5	6.2	5941
APR		26.4			19.9						19.7	34.1	5.8	5751
MAY		17.2			22.0						22.0	38.9	6.5	5919
JUN		17.3			24.9						26.1	31.7	6.3	5700
JUL		18.3			25.5						27.0	29.3	6.1	5818
AUG		18.7			25.3						27.3	28.8	6.1	5811
SEP		22.7			25.0						22.1	30.2	5.8	5688
OCT		29.3			21.9						18.8	30.0	5.4	5890
NOV		25.8			20.4						19.8	34.0	5.8	5708
DEC		26.8			18.3						17.8	37.2	5.9	5947
TOTALS		23.4			21.5						21.1	34.0	6.0	69527

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
STATION 45-61
ATLANTIC CITY NJ
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105						.1							.0
100						.2	.4	.1					.1
95					.2	2.1	3.9	1.7	.3				.7
90				.3	1.9	9.8	16.8	12.6	3.8	.1			3.8
85			.2	1.9	6.9	26.0	42.7	37.8	14.3	1.0			10.9
80			1.1	5.4	16.2	50.1	75.5	68.4	35.1	6.1	.4		21.6
75	.1		2.6	11.3	32.7	71.8	95.7	91.7	59.5	15.6	1.3		31.9
70	.5	.8	4.9	19.7	53.9	87.3	99.4	98.7	81.1	36.3	6.6	.5	40.8
65	1.9	2.5	10.5	32.4	73.3	96.6	100.0	100.0	93.4	59.1	17.4	2.6	49.1
60	5.1	5.7	18.7	52.1	87.8	99.5			99.1	79.1	35.4	7.8	57.5
55	11.6	12.7	30.4	71.6	96.1	100.0			99.9	91.8	55.0	18.5	65.6
50	22.4	25.3	50.3	90.3	99.6				100.0	97.7	72.6	33.3	74.3
45	36.3	40.8	69.5	98.2	100.0					99.6	87.3	51.9	82.0
40	54.9	61.0	86.5	99.8						100.0	96.1	69.8	89.0
35	72.9	78.9	95.5	100.0							99.3	84.3	94.2
30	86.5	90.3	99.1								99.8	94.3	97.5
25	94.6	96.4	99.7								100.0	98.6	99.1
20	98.2	98.5	100.0									99.8	99.7
15	99.5	99.4										100.0	99.9
10	99.9	100.0											100.0
5	100.0												100.0
MEAN	41.2	42.5	50.5	61.1	70.4	79.1	83.6	82.4	76.2	66.3	55.5	45.0	62.8
S.D.	10.842	10.372	10.551	9.865	9.152	8.029	5.861	5.905	7.462	8.273	9.239	10.071	17.563
TOTAL OBS.	1116	1045	1146	1080	1116	1065	1116	1116	1080	1116	1080	1116	13192

FEDERAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC
47730 ATLANTIC CITY NJ
STATION STATION NAME

45-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.1							.0
75						.6	2.9	1.7	.5				.5
70						6.5	29.3	24.4	7.8	.5			5.7
65			.1		2.7	27.4	61.2	55.9	23.8	2.6	.3		14.5
60				.4	11.8	52.6	84.1	77.1	43.4	8.2	1.2		23.3
55			.3	4.1	30.1	74.3	95.1	92.7	61.5	20.1	6.0	.4	32.0
50	.6	.3	3.1	14.2	54.9	90.3	99.5	98.1	80.0	37.2	11.6	1.3	40.9
45	2.2	1.9	7.4	32.1	77.5	97.5	100.0	99.7	91.6	55.7	21.9	5.2	49.4
40	7.9	7.1	19.4	56.1	92.5	99.6		100.0	96.9	74.6	36.2	12.5	58.5
35	16.8	18.6	38.1	78.6	98.2	100.0			99.7	87.8	55.0	22.8	68.0
33	22.2	23.0	47.1	84.9	99.0				99.8	92.7	62.2	29.8	71.7
30	31.4	35.5	62.7	93.1	99.6				100.0	96.8	76.9	41.7	78.2
25	49.8	53.4	82.5	99.0	100.0					99.8	90.4	62.1	86.4
20	65.8	69.5	92.8	99.8						100.0	97.7	76.6	91.9
15	79.8	81.9	97.6	99.9							99.7	89.2	95.6
10	90.3	91.8	99.6	100.0							100.0	95.8	98.1
5	95.8	96.8	100.0									99.3	99.3
0	99.0	98.9										99.8	99.8
-5	99.5	99.3										100.0	99.9
-10	100.0	99.9											100.0
-15		100.0											100.0
MEAN	23.9	24.6	32.2	47.9	53.3	59.4	65.6	64.4	57.2	46.2	36.9	27.3	44.1
S.D.	15.97	10.51	5.63	7.77	7.48	7.12	5.84	6.43	8.88	9.43	9.82	13.16	17.11
TOTAL OBS	1116	1045	1140	1040	1115	1065	1116	1116	1080	1116	1080	1116	13191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
07730 ATLANTIC CITY NJ
STATION STATION NAME

DAILY TEMPERATURES

45-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85						.7	2.8	1.3	.2				.4
80					.5	6.2	20.4	14.5	4.5				3.9
75			.1	.2	3.7	25.4	52.6	47.0	18.1				12.4
70			.2	1.7	12.3	50.9	84.8	76.8	37.6	5.1	.3		22.5
65			1.2	7.3	31.6	75.0	98.0	95.1	62.6	16.1	2.3		32.4
60	.4	.1	3.7	16.4	54.3	92.0	100.0	99.6	83.9	37.0	8.5	.7	41.4
55	1.5	1.3	9.0	30.2	78.1	98.9		100.0	94.8	58.9	19.1	2.7	49.5
50	5.6	5.5	18.4	55.1	93.5	100.0			99.2	79.4	36.2	8.6	58.4
45	13.3	13.6	32.2	79.8	98.9				100.0	92.1	56.8	20.7	67.3
40	25.6	28.9	57.6	95.3	100.0					98.3	76.4	37.3	76.6
35	44.1	49.8	80.3	99.4						99.9	91.7	57.5	85.2
30	63.1	66.4	92.5	100.0						100.0	98.1	74.9	91.3
25	78.5	81.9	97.8								99.7	88.5	95.6
20	90.1	93.2	99.5								100.0	96.2	98.3
15	96.0	97.3	99.9									99.4	99.4
10	99.0	99.0	100.0									100.0	99.8
5	99.6	99.6											99.9
0	99.9	100.0											100.0
-5	100.0												100.0
MEAN	32.8	33.8	41.6	51.3	60.6	69.5	74.9	73.7	67.0	56.5	46.5	36.4	53.7
S.D.	10.379	9.925	8.915	7.976	7.502	6.844	5.144	5.476	7.483	8.116	8.878	9.554	16.994
TOTAL OBS	1116	1045	1146	1080	1115	1065	1116	1116	1090	1116	1080	1116	13191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
45		58	87	86	83	100	97	93	87	80	76	56	
46	63	67	76			90	90	89	88	85	71	68	
47	65	52	64	78	87	93	92	94	87	85	63	60	94
48	48	65*	83	75	89	95	90	102	87	77	72	61	102
49	62	72	78	74	93	94	98	97	84	84	72	64	98
50	73	55	67	75	91	89	92	89	88	79	84	68	92
51	65	71	61	83	86	89	93	92	85	87	71	72	93
52	66	59	77	85	83	98	96	88	95	83	71	58	98
53	67	64	70	79	86	92	97	97	97	81	74	65	97
54	64	72	70	84	83	91	96	92	89	87	65	60	96
55	56	56	71	80	89	89	99	98	86	82	77	65	99
56	57	61	66	82	90	95	93	91	90	80	72	72	95
57	60	65	74	89	88	95	100	90	93	77	68	59	100
58	55	58	55	75	83*	92	93	91	88	83	71	57	93
59	58	60	69	85	91	98	91	92	89	90	73	61	98
60	56	63	78	89	84	90	91	93	88	84	71	65	93
61	58	73	78	87	83	92	94	92	95	81	77	60	95
62	58	60	74	86	96	94	91	94	87	86	64	61	96
63	56	60	81	85	93	97	98	90	86	83	71	56	98
64	64	55	71	86	94	97	97	92	92	78	74	63	97
65	65	69	67	85	93	96	97	94	92	75	76	65	97
66	65	59	64	76	87	96	104	95	90	78	73	72	104
67	78	63	79	90	82	92	91	90	85	87	69	60	92
68	60	50	81	82	86	97	99	97	90	84	75	61	99
69	55	47	71	94	99	106	97	94	93	82	65	59	106
70	60	60	60	78	89	89	88	92	93	81	66	63	93
71	54	70	67	75	82	91	91	87	85	77	76	66	91
72	60	66	72	80	79	85	96	95	91	75	70	63	96
73	63	61	74	82	82	93	93	97	93	83	75	67	97
74	72	59	76	92	93	91	95	90	87	79	81	61	95
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64 # (AT LEAST ONE DAY LESS THAN 24 OBS)

A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

45-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		12	25	33	40	43	52	54	50	32	23	9	
46	10	11	20			42	53	53	48	40	25	13	
47	12	5	15	27*	32	45	57	55	35	33	22	15	5
48	0	8*	11	30	39	48	56	58	44	29	30	8	0
49	22	12	17	34	42	48	57	53	43	32	20	15	12
50	17	9	9	25	39	46	54	55	39	31	23	10	9
51	15	9	21	34	42	47	60	53	37	39	19	7	7
52	8	18	20	31	41	51	52	49	46	26	21	18	8
53	21	15	18	33	44	49	56	55	44	34	28	12	12
54	6	6	20	24	38	46	56	53	45	34	26	13	6
55	8	3	19	35	40	50	58	56	45	34	16	8	3
56	4	13	17	28	37	47	56	53	38	35	17	17	4
57	-4	21	24	28	34	46	53	51	37	31	23	14	-4
58	5	4	25	30	41*	45	60	52	41	37	18	2	2
59	6	9	18	32	39	49	56	55	39	30	21	11	6
60	17	18	9	27	37	47	57	53	48	31	26	6	6
61	-8	-4	17	30	37	48	56	52	42	31	23	11	-8
62	7	4	12	25	38	53	55	55	37	30	23	4	4
63	3	5	24	30	36	50	55	51	36	38	27	9	3
64	3	14	23	23	40	48	58	50	46	26	11	6	3
65	-8	2	13	24	42	41	46	40	35	26	19	9	-8
66	0	0	17	26	25	39	51	55	44	27	23	8	0
67	10	-7	7	24	32	37	53	55	32	24	14	6	-7
68	0	2	16	23	35	44	53	46	39	25	18	0	0
69	1	7	11	12	34	42	52	43	32	23	18	16	1
70	3	8	17	28	36	49	58	54	41	36	21	11	3
71	3	-1	19	25	36	47	49	46	41	38	19	16	-1
72	6	7	19	25	37	38	54	47	45	26	21	17	6
73	12	10	25	30	39	53	55	53	42	34	22	12	10
74	10	7	19	30	34	47	51	50	35	26	17	18	7
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS.)

93730 ATLANTIC CITY NJ
STATION STATION NAME

45-91

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMA

93736 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 1 0000-02
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb Dew				
50/ 59			.1															1	1				
50/ 57		.4																3	3				
56/ 55	.1	.7	.3				.1											9	9	7			
54/ 53	.8	.5	.3															13	13	12			
52/ 51	.3	.8	.1		.1													10	10	6			
50/ 49	.4	.7	.3	.1														11	11	12			
48/ 47	.8	.5	.4	.1	.1													15	15	13			
46/ 45	.1	1.2	.1		.1													12	12	7			
44/ 43	.3	1.5	.1	.1														15	15	16			
42/ 41	1.1	1.5	.1	.3														22	22	25			
40/ 39	1.1	.8	.4		.3													19	19	19			
38/ 37	.7	1.5	.7	.4														24	24	20			
36/ 35	.5	3.8	1.9	.4														49	49	20			
34/ 33	.4	2.6	2.2	.7														43	43	41			
32/ 31	2.0	5.6	2.4	.1														76	76	55			
30/ 29	2.3	2.8	2.2	.8														60	60	74			
28/ 27	1.9	1.5	1.2	.4														37	37	52			
26/ 25	1.1	2.8	2.7	.1														50	50	39			
24/ 23	.3	1.7	1.2															24	24	36			
22/ 21	.5	2.4	2.7															42	42	42			
20/ 19	1.9	3.5	2.4															58	58	50			
18/ 17	.8	2.4	1.3															34	34	52			
16/ 15	.4	3.1	.1															27	27	31			
14/ 13	.5	2.4	.8															28	28	32			
12/ 11	.7	.8	.3															13	13	24			
10/ 9	.5	1.5	.1															16	16	17			
8/ 7	.1	1.2																10	10	14			
6/ 5	.1	.3																3	3	6			
4/ 3	.3	.7																7	7	5			
2/ 1	.9																	7	7	11			
0/ -1	.1	.1																2	2	1			
-2/ -3	.1																	1	1	2			
-4/ -5	.1																	1	1	1			
-6/ -7	.3																	2	2	2			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
NOV 81

UNCLASSIFIED

USAFETAC/DS-81/102

S81-AD-E850 134

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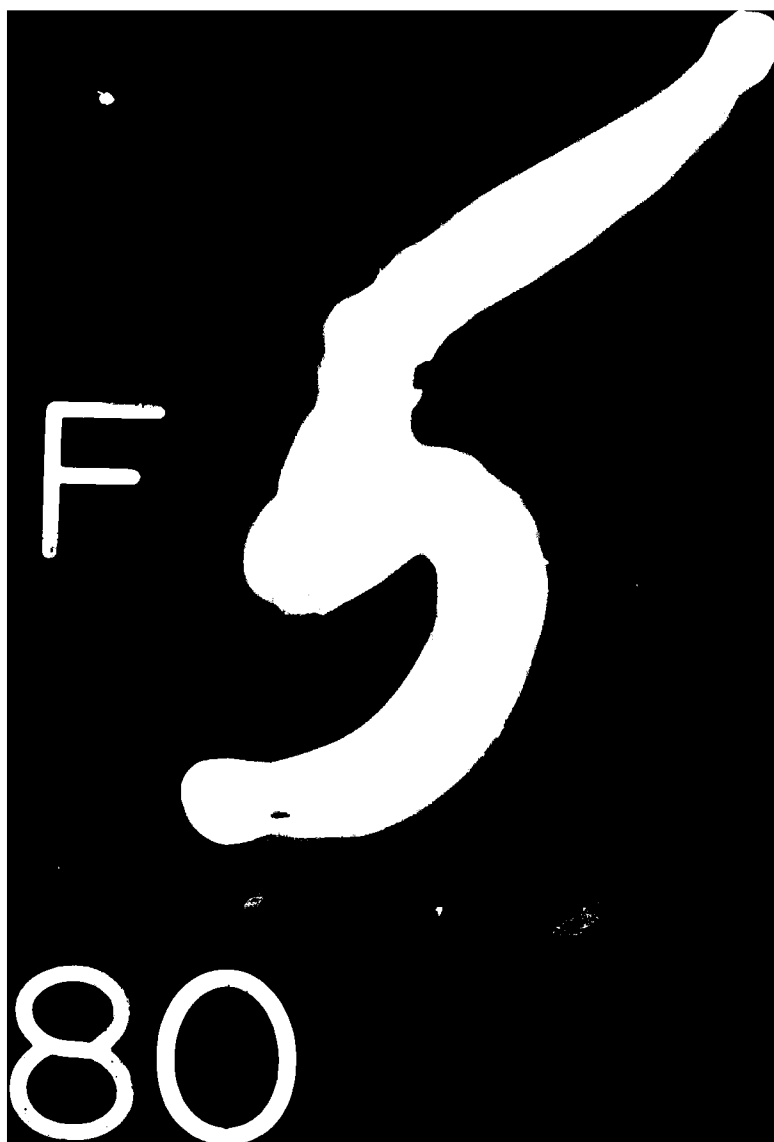
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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME

74-81 YEARS

JAN MONTH

PAGE 1

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.1																1	1		
58/ 57	.3	.1																3	3	3	2
56/ 55	.1	.8																7	7	3	4
54/ 53	.5	.7	.4															12	12	11	9
52/ 51	.4	.5	.3															9	9	7	7
50/ 49	.7	.5	.5															13	13	14	9
48/ 47	.1	.5	.3	.3	.1													10	10	4	7
46/ 45	.5	.3	.4	.5	.1													14	14	13	8
44/ 43	.1	1.6	.3	.1	.1													17	17	10	11
42/ 41	.4	1.2	.7	.3														19	19	19	8
40/ 39	1.1	1.6		.3														22	22	26	21
38/ 37	.5	1.7	.3	.1	.1													21	21	20	17
36/ 35	.9	4.2	1.9	.3	.1													55	55	22	18
34/ 33	.5	3.2	2.0	.4														46	46	49	28
32/ 31	1.9	4.3	2.6	.3														67	67	46	46
30/ 29	1.6	1.7	1.5	.4														39	39	68	35
28/ 27	2.2	2.8	1.1	.3														47	47	47	38
26/ 25	.9	2.0	1.3	.3														34	34	47	36
24/ 23		2.0	1.1															23	23	23	32
22/ 21	.4	2.4	3.1	.1														45	45	32	34
20/ 19	1.7	3.5	3.8															67	67	52	35
18/ 17	.8	3.5	.4															35	35	56	27
16/ 15	.1	2.6	.1															21	21	45	36
14/ 13	.4	2.0	.9															25	25	17	28
12/ 11	.8	1.7	.1															20	20	20	40
10/ 9	.8	1.7	.1															20	20	30	41
8/ 7	1.3	.9	.1															18	18	19	42
6/ 5	.1	.4																4	4	10	21
4/ 3	.7	.4																8	8	9	37
2/ 1		.8																6	6	3	15
0/ -1	.8																	6	6	9	13
-2/ -3	.1																	1	1	1	11
-4/ -5	.7																	5	5	5	3
-6/ -7																					7
Element (X)	Σ X ²			Σ X			X	°X	No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point										
-8/-9	.4																	3	3	3	6										
-10/-11	.1																	1	1	1	4										
-12/-13																					5										
-14/-15																					3										
TOTAL	23.6	52.7	19.1	4.2	.4													742	743	742	742										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS JAN MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69				.1														1	1					
68/ 67				.1														1	1					
64/ 63			.1															1	1	2				
62/ 61		.3			.1													3	3	1				
60/ 59	.4	.1																4	4	5	7			
58/ 57				.3														2	2	1	1			
56/ 55	.3	.1		.1		.1												5	5	3	4			
54/ 53	.3	.8	.1	.1	.1													11	11	3	2			
52/ 51	.4	.9	.8	.3	.1	.1												20	20	13	10			
50/ 49		.8	.4	.1														10	10	9	3			
48/ 47		.7	.1	.7	.3													13	13	13	7			
46/ 45	.1	1.6	.9	.4	.5	.1												28	28	15	13			
44/ 43	.3	.9	.9	.8	.3													24	24	15	16			
42/ 41	.9	1.3	1.1	1.5	.1													37	37	30	21			
40/ 39	.7	1.3	1.5	.7	.1													32	32	26	17			
38/ 37	.9	3.1	1.6	1.9	.1													57	57	40	26			
36/ 35	.5	2.0	2.0	2.0	.3													51	51	51	13			
34/ 33	.7	2.8	2.6	1.1	.5													57	57	48	38			
32/ 31	1.1	4.7	2.0	2.7	.4													81	81	59	55			
30/ 29	.3	1.7	3.1	1.5														49	49	62	26			
28/ 27	.7	1.3	2.4	1.6														45	45	47	43			
26/ 25	.4	.9	4.0	.7														45	45	56	52			
24/ 23	.3	.4	2.3	.3														24	24	47	25			
22/ 21	.3	.9	3.2	.1														34	34	42	31			
20/ 19	.4	2.4	2.3															38	38	42	35			
18/ 17	.1	.8	1.2															16	16	36	27			
16/ 15	.1	1.2	.9															17	17	21	31			
14/ 13	.1	.7	.4															9	9	15	34			
12/ 11	.1	.9	.3															10	10	11	37			
10/ 9		.4	.4															6	6	12	52			
8/ 7		.4																3	3	7	28			
6/ 5		.4																3	3	3	19			
4/ 3	.1	.3																3	3	4	13			
2/ 1	.1	.3																3	3	3	14			
Element (X)	Σ X ²		Σ X		Σ	°	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.									± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

JAN
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71						.1	.3											3	3			
68/ 67						.1	.1											2	2			
64/ 63					.1													1	1			
62/ 61		.3		.1	.3	.1												6	6	2		
60/ 59	.3		.3			.3												6	6	5	3	
58/ 57	.1			.4	.1	.1												6	6	3	2	
56/ 55	.4	.3	.5	.3	.8	.4												20	20	8	5	
54/ 53	.4	.9	.4	.7	.4	.3												23	23	10	9	
52/ 51	.1	.3	.5		.1	.4	.1											12	12	15	7	
50/ 49	.1	.1	.1	.3	.4	.1												9	9	10	8	
48/ 47	.1	1.2	.8	.8		.7												27	27	20	11	
46/ 45	.1	.4	.9	1.5	.7													27	27	16	13	
44/ 43	.3	.7	.4	2.3	.8	.3												35	35	19	13	
42/ 41	.5	.5	1.6	2.2	1.3													46	46	26	20	
40/ 39	.5	2.2	1.2	2.2	1.7													58	58	31	17	
38/ 37	.4	1.2	1.6	2.4	.4													45	45	58	19	
36/ 35	.3	2.8	2.3	3.2	.8													70	70	46	20	
34/ 33	.9	1.3	2.4	2.0	1.5													61	61	69	37	
32/ 31	.3	2.3	2.2	5.1	1.3													83	83	54	52	
30/ 29	.5	1.5	.9	3.6	.1													50	50	71	32	
28/ 27	.5	.4	1.2	2.7	.1													37	37	43	47	
26/ 25	.1		1.5	2.2														28	28	64	44	
24/ 23		.1	1.5	1.1														20	20	43	25	
22/ 21	.3	.3	1.5	.4														18	18	38	46	
20/ 19		.3	2.0	.1														18	18	30	38	
18/ 17	.1	.4	.9	.1														12	12	17	28	
16/ 15			1.1															8	8	19	26	
14/ 13			.3															2	2	11	27	
12/ 11		.4	.3															5	5	4	34	
10/ 9		.4																3	3	4	34	
8/ 7																				5	33	
6/ 5		.1																1	1		28	
4/ 3		.3																2	2	2	7	
2/ 1																				1	25	
Element (X)	Σ g ¹		Σ g		Σ	Σ _A	No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1	.1										2	2		
70/ 69							.1											1	1		
68/ 67						.1	.1											2	2		
64/ 63				.4	.1													4	4		
62/ 61						.4												3	3		
60/ 59		.1			.3													3	3	2	
56/ 57	.3				.4													5	5	9	2
56/ 55	.4	.4	.1		.4	.1												11	11	5	4
54/ 53	.8	1.2	.4		.3	.1												21	21	12	10
52/ 51	.5	.9	.3	.8	.1	.3												22	22	18	14
50/ 49	.5	.4	.3	.3	.1	.5												16	16	14	14
48/ 47	.1	.1	.4	.5	.4													12	12	12	8
46/ 45		.5	1.2	.7	.8													24	24	11	6
44/ 43	.4	.7	1.5	1.6	.5	.4												38	38	16	12
42/ 41	.3	1.1	1.7	1.6	1.1	.4												46	46	23	11
40/ 39	.4	1.6	1.2	.7	1.1													37	37	39	20
38/ 37	.3	1.5	1.2	2.3	.8													45	45	49	23
36/ 35	.5	3.0	3.6	2.4	.9													78	78	37	20
34/ 33	.7	2.3	2.8	1.7	1.3													66	66	62	32
32/ 31	.4	2.3	3.1	4.6	.8													83	83	64	59
30/ 29	.3	.8	1.9	3.0														44	44	70	39
28/ 27	.7	1.1	1.5	3.2	.1													49	49	52	31
26/ 25	.4	.1	1.3	2.0														29	29	66	46
24/ 23	.1	.3	2.6	.8														28	28	41	32
22/ 21		.3	1.5	.7														18	18	38	42
20/ 19		.1	2.6															20	20	36	33
18/ 17	.3	.1	1.5	.3														16	16	20	23
16/ 15	.1	.4	.3															6	6	19	32
14/ 13		.3	.1															3	3	13	39
12/ 11		.3																2	2	3	29
10/ 9		.7																5	5	3	30
8/ 7		.3																2	2	5	35
6/ 5		.1</																			

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMAR

93730 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
68/ 67					.3													2	2					
66/ 65					.3													2	2					
58/ 59		.1	.1															2	2	3				
58/ 57		.1		.1	.1													3	3	2				
56/ 55	.7	.4	.1		.3													11	11	7				
54/ 53		1.6	.3		.1													15	15	8				
52/ 51	.5	1.3	.3															16	16	17				
50/ 49	.3	.3	.1	.3														7	7	13				
48/ 47		.5	.4	.3														9	9	4				
46/ 45	.4	.7	.4	.1														12	12	13				
44/ 43	.5	1.3	1.2	.1	.1													25	25	14				
42/ 41	.3	1.6	1.2	.5														27	27	21				
40/ 39	.3	2.7	2.2	.5														42	42	26				
38/ 37	.5	1.6	2.0	.5	.1													36	36	33				
36/ 35	.5	3.1	1.6	.7	.3													46	46	31				
34/ 33	1.1	1.9	2.6	.9														48	48	57				
32/ 31	1.3	3.5	4.0	.9	.1													74	74	35				
30/ 29	1.5	3.0	2.8	1.5														65	65	67				
28/ 27	1.3	2.0	3.4	.7														55	55	68				
26/ 25	.1	2.0	4.3	.4														51	51	56				
24/ 23	.1	.4	2.6	.3														25	25	49				
22/ 21	.9	.8	3.1	.1														37	37	42				
20/ 19	.5	2.8	3.5	.1														52	52	40				
18/ 17		1.7	1.7															26	26	42				
16/ 15	.1	1.1	.8															15	15	34				
14/ 13	.1	1.1	.3															11	11	22				
12/ 11	.1	1.1	.3															11	11	11				
10/ 9	.3	.3																4	4	12				
8/ 7	.1	.5																5	5	3				
6/ 5	.4	.3																5	5	7				
4/ 3		.1																1	1	3				
2/ 1	.1																	1	1	1				
0/ -1	.1																	1	1	1				
-2/ -3	.1																	1	1	1				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. 74-81 YEARS JAN MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
66/ 65				.1														1	1			
62/ 61						.1												1	1			
60/ 59		.3	.1					.1										4	4	2		
58/ 57		.3		.1														3	3	1	1	
56/ 55	.1	.4		.1		.1												6	6	4	4	
54/ 53	.3	1.2		.1		.1												13	13	8	5	
52/ 51	.3	.3																4	4	10	13	
50/ 49	.4	.8	.4															12	12	9	5	
48/ 47	.3	.9	.1	.1			.1											12	12	14	8	
46/ 45	.4	.9	.3	.1														13	13	12	13	
44/ 43	.3	1.1	1.2	.1														20	20	10	12	
42/ 41	.8	1.5	.5		.1													22	22	21	16	
40/ 39	.7	2.7	.3	.1														28	28	23	10	
38/ 37	.1	2.0	1.7	.5														33	33	23	19	
36/ 35	.5	3.0	2.0	.5														45	45	23	24	
34/ 33	.5	1.6	1.1	.3														26	26	49	17	
32/ 31	1.9	4.0	2.2	.4	.1													64	64	46	44	
30/ 29	2.2	3.8	2.7	.8														70	70	59	44	
28/ 27	2.6	2.8	2.6	.1														60	60	64	45	
26/ 25	.5	2.8	3.5	.1														52	52	48	41	
24/ 23	.1	2.4	2.6															38	38	53	23	
22/ 21	.7	1.9	1.7															32	32	40	41	
20/ 19	1.1	2.0	3.0															45	45	50	39	
18/ 17	.4	3.4	1.6															40	40	32	29	
16/ 15	.5	2.4	1.1															30	30	41	48	
14/ 13	.3	2.4	.5															24	24	36	22	
12/ 11	.4	1.3	.1															14	14	21	33	
10/ 9	.3	.5	.1															7	7	16	34	
8/ 7	.7	.5																9	9	11	45	
6/ 5	.3	.1																3	3	4	23	
4/ 3	.5	.3																6	6	6	26	
2/ 1		.3																2	2	2	22	
0/ -1	.3																	2	2	3	15	
-2/ -3	.4																	3	3	3	8	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN
MONTH

2100-2300
HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-6/-7																						12
-5/-9																						1
-10/-11																						2
TOTAL	17.7	48.0	29.4	3.9	.3	.4	.1	.1											744	744		744
																		744		744		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J. 74-81 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71						.0	.1	.0										5	5							
70/ 69				.0		.0	.0											2	2							
68/ 67				.0	.0	.0	.0											7	7							
66/ 65				.0	.0													3	3							
64/ 63			.0	.1	.0													6	6	2						
62/ 61		.1		.0	.1	.1												13	13	3						
60/ 59	.1	.1	.1		.0	.0		.0										22	22	17	10					
58/ 57	.1	.2		.1	.1	.0												29	29	21	9					
56/ 55	.3	.4	.1	.1	.2	.1	.0											73	73	43	39					
54/ 53	.5	1.0	.2	.1	.1	.1												119	119	72	64					
52/ 51	.4	.7	.3	.1	.1	.1	.0											100	100	94	79					
50/ 49	.4	.6	.3	.2	.1	.1												93	93	88	67					
48/ 47	.2	.7	.4	.4	.1	.1	.0											106	106	87	63					
46/ 45	.2	.8	.6	.4	.3	.0												147	147	97	72					
44/ 43	.3	1.1	.8	.7	.2	.1												188	188	114	93					
42/ 41	.6	1.2	.9	.8	.3	.1												232	232	181	126					
40/ 39	.8	1.8	.9	.6	.4													263	264	210	131					
38/ 37	.6	2.0	1.2	1.0	.2													301	301	272	162					
36/ 35	.5	3.0	2.1	1.3	.3													429	429	264	163					
34/ 33	.8	2.3	2.2	.9	.4													394	394	409	233					
32/ 31	1.4	4.0	2.6	1.8	.4													600	600	412	377					
30/ 29	1.3	2.3	2.0	1.5	.0													424	424	534	283					
28/ 27	1.4	1.8	1.9	1.2	.0													372	372	423	328					
26/ 25	.7	1.6	2.5	.7														330	330	415	341					
24/ 23	.2	1.1	1.8	.3														204	204	333	254					
22/ 21	.4	1.4	2.3	.2														257	257	298	290					
20/ 19	.8	2.5	2.7	.0														361	361	344	283					
18/ 17	.4	1.9	1.2	.1														216	216	306	206					
16/ 15	.3	1.6	.6															149	149	259	291					
14/ 13	.3	1.5	.5															136	136	170	249					
12/ 11	.4	1.0	.2															92	92	122	277					
10/ 9	.3	.9	.1															78	78	111	310					
8/ 7	.4	.6	.0															63	63	84	306					
6/ 5	.2	.4																31	31	45	172					
Element (X)	Σ x ²		Σ x		Σ	Σ x		Σ		Σ x		Σ		Σ x		Σ		No. Obs.		Mean No. of Hours with Temperature						
Rel. Hum.																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																										
Wet Bulb																										
Dew Point																										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 3	.3	.3																34	34	40	181	
2/ 1	.2	.3																26	26	27	161	
0/ -1	.2	.0																13	13	20	92	
-2/ -3	.2																	9	9	10	75	
-4/ -5	.2																	11	11	11	44	
-6/ -7	.1																	4	4	4	47	
-8/ -9	.1																	6	6	6	26	
-10/-11	.0																	1	1	1	19	
-12/-13																					13	
-14/-15																					13	
TOTAL	15.2	39.1	28.5	12.7	3.5	.8	.2	.0										5949	5950	5949	5949	
																					</	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. 74-81 YEARS FEB MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55		.1	.1															2	2			
54/ 53	.1	.1	.1															3	3	2	1	
52/ 51	.1	.7	.4															9	9	4	3	
50/ 49	.7	1.2	.1		.4													17	17	12	9	
48/ 47	.1	1.6	.1	.4	.6	.1												21	21	12	6	
46/ 45	1.5	1.2	.1	.3	.3	.4												26	26	22	25	
44/ 43	.4	1.2	1.5	.1	.1													23	23	17	16	
42/ 41	1.5	1.0	.6		.4													24	24	26	19	
40/ 39	.4	1.3	2.2		.3													29	29	20	10	
38/ 37	1.5	1.8	.6	.4														29	29	32	18	
36/ 35	.7	1.5	.6	.6														23	23	30	18	
34/ 33	.7	1.8	1.9	.3														32	32	24	24	
32/ 31	.9	4.0	2.1	1.2														55	55	34	32	
30/ 29	.6	1.9	1.9	.6														34	34	44	29	
28/ 27	1.6	2.7	1.5	.4														42	42	47	31	
26/ 25	.7	1.9	1.9	.3														33	33	40	28	
24/ 23	.7	1.3	1.8	.3														28	28	34	24	
22/ 21	.7	3.5	3.5															53	53	32	33	
20/ 19	.9	3.5	1.9															43	43	57	35	
18/ 17	.3	4.3	1.0															38	38	36	30	
16/ 15	1.2	3.2	.4															33	33	48	27	
14/ 13	.4	2.5	.1															21	21	30	34	
12/ 11	1.9	1.0																20	20	27	48	
10/ 9	.1	1.3																10	10	10	45	
8/ 7	.3	.4																5	5	11	44	
6/ 5	.7																	5	5	7	14	
4/ 3	.3	.9																8	8	8	20	
2/ 1		.6																4	4	4	23	
0/ -1	.3																	2	2	2	8	
-2/ -3		.1																1	1		3	
-4/ -5	.4	.1																4	4	4	5	
-6/ -7	.1																	1	1	2	6	
-8/ -9																					1	
-10/ -11																					3	
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-A1

YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 74-81 YEARS FEB MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
60/ 59				.1														1	1					
56/ 55		.3	.3	.1														5	5	1	1			
54/ 53	.1	.3	.1															4	4	3	2			
52/ 51	.9				.1													7	7	11	7			
50/ 49		1.0	.7	.1	.4													16	16	2	4			
48/ 47	.4	.9	.1	.3	.1													13	13	13	10			
46/ 45	.9	1.0	.3	.7	.1													21	21	17	13			
44/ 43	.9	1.3	.6	.3		.1												22	22	18	16			
42/ 41	1.3	2.2	.3		.4													29	29	26	16			
40/ 39	.7	1.3	1.0	.4	.1													25	25	29	19			
38/ 37	2.2	1.3	.6															28	28	28	29			
36/ 35	1.8	1.6	1.5	.1														34	34	27	26			
34/ 33	1.3	3.0	.4	.3														34	34	38	24			
32/ 31	.7	2.8	1.0	.3														33	33	29	26			
30/ 29	.6	2.1	2.8	.9														43	43	35	22			
28/ 27	1.0	3.0	2.1	.3														43	43	27	36			
26/ 25	.4	2.7	1.5															31	31	46	23			
24/ 23	.4	1.5	.9															19	19	39	20			
22/ 21	1.0	2.2	1.9	.1														36	36	26	14			
20/ 19	1.5	4.6	.7															46	46	40	43			
18/ 17	.6	4.1	.1															33	33	42	33			
16/ 15	.6	4.0	.4															34	34	35	28			
14/ 13	.7	4.1																33	33	30	26			
12/ 11	1.3	2.1																23	23	39	41			
10/ 9	1.2	1.3																17	17	23	45			
8/ 7	.7	1.3																14	14	17	41			
6/ 5	.4	.9																9	9	11	24			
4/ 3	.1	.3																3	3	4	22			
2/ 1	.1	.7																6	6	4	23			
0/ -1		.3																2	2	2	8			
-2/ -3	.6	.4																7	7	9	11			
-4/ -5	.4	.1																4	4	3	2			
-6/ -7	.3																	2	2	3	3			
-8/ -9																					1			
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																								
																		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total

PSYCHROMETRIC SUMMARY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81

YEARS

FEB
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

74-81

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
66/ 65									.1									1	1														
64/ 63						.3	.1	.1										4	4														
62/ 61								.3										2	2														
60/ 59				.3		.1			.1									4	4														
58/ 57		.3	.1		.6		.3	.1										10	10														
56/ 55	.1	.4	.3	.1	.1	.1	.1											10	10	7	1												
54/ 53	.3	.6	.4	.1	.1	.3												13	13	8	8												
52/ 51	.7	.7	.6	.4	.3	.4												22	22	12	8												
50/ 49	.1	1.5	.6	.6	.9	.1	.1											27	27	19	6												
48/ 47	.6	1.0	.6	.6	.7	.4	.1											28	28	24	19												
46/ 45	.6	1.3	.7	.6	.6	.4												29	29	20	14												
44/ 43	.6	.9	.4	1.2	.7	.1												27	27	28	24												
42/ 41	1.2	1.0	.7	.9	1.5	.1	.1											38	38	36	15												
40/ 39	.4	1.5	.9	1.6	1.3	.1												40	40	24	18												
38/ 37	.7	1.0	1.3	1.6	.7	.1												38	38	36	19												
36/ 35	.4	.9	1.3	1.6	.7													34	34	34	19												
34/ 33	.1	1.9	1.9	1.8	.1													40	40	39	24												
32/ 31	.4	1.0	2.4	3.4	.3													51	51	40	44												
30/ 29	.1	.9	3.0	3.1														48	48	38	20												
28/ 27	.1	.6	2.5	2.1														36	36	43	23												
26/ 25	.1	.9	3.4	.9														36	36	48	27												
24/ 23	.1	1.3	2.7															28	28	53	24												
22/ 21	.6	.6	2.5	.4														28	28	48	31												
20/ 19	.3	.9	2.7															26	26	29	30												
18/ 17	.6	.6	1.3															17	17	25	40												
16/ 15		1.2	.7															13	13	22	39												
14/ 13		.3	.4															5	5	16	37												
12/ 11		.9	.3															8	8	3	38												
10/ 9		.3	.1															3	3	9	37												
8/ 7		.6																4	4	5	27												
6/ 5		.6																4	4	4	18												
4/ 3		.1																1	1	4	13												
2/ 1		.3																2	2	2	21												
0/ -1																				1	7												
Element (X)	Σ X ²			Σ X			X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 STATION NAME ATLANTIC CITY, N.J. YEARS 74-81 MONTH FEB

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69							.1	.3	.1									4	4				
68/ 67						.1	.3	.1		.3								6	6				
66/ 65						.6		.1	.7									10	10				
64/ 63						.1	.1	.1	.3									5	5				
62/ 61					.1	.3	.1		.4									7	7				
60/ 59	.1	.1			.1	.1	.3	.1	.1									8	8	.1	.1		
58/ 57	.3	.1	.1	.3		.1	.3	.1										10	10	.8	.2		
56/ 55	.3	.4	.4	.7		.7	.3											20	20	.9	.4		
54/ 53	.1	.6	.1	.1	.9	.6	.3	.1										20	20	1.3	.3		
52/ 51	.3	.7	.4	.9	.7	.6	.3	.3										29	29	1.6	.6		
50/ 49	.4	.9	.4	.4	.4	1.0	.6	.1										30	30	2.3	1.3		
48/ 47	.3	.9		.6	1.3	.3	.3											25	25	2.2	1.8		
46/ 45	.1	1.3	.3	1.3	.7	.7	.4											34	34	3.1	1.5		
44/ 43	.6	.7	.4	1.6	2.1	.6	.1											42	42	2.4	1.8		
42/ 41	.6	.6	.3	1.0	1.9	.3	.3											34	34	3.2	1.7		
40/ 39	.3	1.6	.6	1.5	2.2	.6												46	46	4.1	1.3		
38/ 37		.9	.3	1.2	2.8	.4												38	38	3.3	2.0		
36/ 35	.1	.1	.6	2.5	1.9													36	36	4.3	2.0		
34/ 33	.1	1.2	.4	2.2	1.6													38	38	3.3	2.1		
32/ 31	.4	1.0	2.4	6.5	1.2													78	78	4.1	3.9		
30/ 29	.3	.3	2.8	3.5	.7													52	52	5.0	2.3		
28/ 27	.1	1.0	.4	1.9	.1													25	25	5.3	3.0		
26/ 25	.1	.3	.9	1.3														18	18	7.9	2.6		
24/ 23		.6	.3	1.2														14	14	4.0	3.0		
22/ 21	.1		.7	.1														7	7	2.2	2.8		
20/ 19	.3	.1	1.5															13	13	1.6	3.8		
18/ 17			.9															6	6	1.3	3.7		
16/ 15		.4	.1															4	4	.8	4.6		
14/ 13	.1	.6	1.0															12	12	.9	4.4		
12/ 11		.4	.6															7	7	.4	4.0		
10/ 9																				1.1	2.3		
8/ 7																				.3	2.6		
6/ 5																					1.7		
4/ 3																					1.6		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 74-81 YEARS FEB MONTH
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69							.1											1	1			
68/ 67							.3	.1	.1									4	4			
66/ 65								.1	.3									3	3			
64/ 63								.3	.6	.1								7	7			
62/ 61					.7	.3		.3	.3									11	11			
60/ 59	.1				.3		.1	.1	.1									6	6	1	1	
58/ 57	.4	.3	.1	.4	.3		.4	.4										17	17	6	3	
56/ 55	.3	.1		.1	.6	.3	.1	.3										13	13	6	4	
54/ 53	.1	1.0	.3	.1	.7	.4	.3	.1										22	22	7	2	
52/ 51	.1	1.0	.3	.9	.9	.4	.1	.3										28	28	21	7	
50/ 49	.4	.6		.3	.9	.9	.3	.3										25	25	17	13	
48/ 47	.3	1.0	.9	.3	.4	.6	.1											25	25	25	13	
46/ 45	.1	.3	.3	1.2	2.2	1.0	.4											38	38	28	14	
44/ 43	.4	.7	.3	1.5	.6	.4	.1											28	28	25	12	
42/ 41	.4	.4	.7	1.8	.9	.3												31	31	25	14	
40/ 39	.7	1.3	1.5	1.5	1.6	.7												50	50	36	17	
38/ 37	.7	1.2	1.2	1.6	2.2	.1												48	48	47	17	
36/ 35		.7	.7	2.1	2.4													40	40	47	20	
34/ 33	.1	1.2	.6	3.1	1.2	.1												43	43	40	25	
32/ 31	.6	1.2	2.4	4.6	2.4													75	75	40	46	
30/ 29		.3	1.8	4.0	.6													45	45	44	27	
28/ 27	.4	1.0	1.2	1.9	.3													33	33	57	43	
26/ 25	.1	.7	1.5	1.3														25	25	70	27	
24/ 23		.4	.4	.6														10	10	45	19	
22/ 21		.6	.6	.1														9	9	31	29	
20/ 19		.1	1.6															12	12	13	35	
18/ 17			.7															5	5	10	45	
16/ 15	.3	.3	1.0															11	11	11	35	
14/ 13	.1	.1	.9															8	8	9	44	
12/ 11		.3	.3															4	4	6	39	
10/ 9																				8	24	
8/ 7																				2	29	
6/ 5																					11	
4/ 3																					13	
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

93736 STATION ATLANTIC CITY N.J. STATION NAME

74-81

YEARS

FFB

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2 / 1																					23
3 / -1																					8
-2 / -3																					7
-4 / -5																					5
-8 / -9																					4
-12 / -13																					1
-14 / -15																					1
TOTAL	6.2	15.2	19.4	27.5	19.2	5.8	2.7	2.5	1.5	.1									677		677
																			677		677

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
56/ 57	.3			.1			.1	.3										6	6	2	2				
56/ 55	.6	.1	.1	.3		.1	.3											11	11	4	4				
54/ 53	.1	.7	.4			.4												12	12	3	2				
52/ 51	.3	1.0	.9			.1	.3											18	18	11	6				
50/ 49	.3	.4	.1	.1	.4		.1											11	11	13	11				
48/ 47	.6	1.8	.3	1.0	.7													30	30	13	8				
46/ 45	.4	.6	.7	.3	.3	.1	.1											18	18	19	18				
44/ 43	.7	1.0	.4	.9	.4	.3												26	26	27	17				
42/ 41	1.2	1.2	.9	1.9	1.0													42	42	31	11				
40/ 39	1.7	1.5	1.5	.6	.3	.1												34	34	25	16				
38/ 37	1.0	.6	2.2	1.2														34	34	34	28				
36/ 35	.4	1.2	2.9	.6	.4	.1												39	39	30	21				
34/ 33	.1	2.4	2.5	2.1	.3													50	50	41	8				
32/ 31	.1	2.9	2.1	2.8														54	54	46	27				
30/ 29	.4	1.2	4.1	1.8														51	51	46	47				
28/ 27	.3	1.2	3.2	1.5														42	42	39	36				
26/ 25	.1	1.8	5.3	1.2														57	57	59	36				
24/ 23	.1	2.1	2.8	.3														36	36	58	24				
22/ 21	.1	1.3	2.2	.4														28	28	50	19				
20/ 19	.1	1.6	1.8															24	24	40	38				
18/ 17	.1	1.2	.7															14	14	28	42				
16/ 15		.6	.1															5	5	14	40				
14/ 13	.6	1.6	.1															16	16	13	36				
12/ 11		1.3																9	9	11	36				
10/ 9		.6																4	4	10	30				
8/ 7		.1	.1															2	2	4	41				
6/ 5																				2	17				
4/ 3		.6																4	4	2	8				
2/ 1		.1																1	1	2	19				
0/ -1																				1	7				
-2/ -3																					9				
-4/ -5																					6				
-6/ -7																									

PSYCHROMETRIC SUMMARY

YEARS

FEA
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point												
-1/-13																						1											
-1/-17																						2											
-1/-19																						1											
TOTAL	2.4	30.8	35.8	17.1	4.0	1.5	1.0	.3											678		678												
																		678		678													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
56/ 57	.3																	2	2	2	2	
56/ 55	.1		.3			.1												4	4	1	1	
54/ 53	.3	.3	.4				.1											8	8	2	2	
52/ 51	.3	1.5	.4															15	15	8	4	
50/ 49	.4	1.0	.3	.1	.3	.1												16	16	16	7	
48/ 47	.1	.9		.7	.4	.1												16	16	12	14	
46/ 45	1.0	1.3	.6	.9	.4	.3												31	31	17	19	
44/ 43	.7	.7	.6	.1														15	15	16	18	
42/ 41	1.9	1.8	.7	.4														33	33	33	16	
40/ 39	.9	1.6	1.2	.4														28	28	31	12	
38/ 37	.9	1.0	2.2	.9														34	34	26	23	
36/ 35	.4	1.8	1.6	1.0														33	33	24	22	
34/ 33	.4	1.6	1.0	.7														26	26	37	17	
32/ 31	.6	3.8	3.5	1.2														62	62	29	27	
30/ 29	1.6	2.5	2.1	.4														45	45	52	34	
28/ 27	.7	2.2	2.9															40	40	54	48	
26/ 25	.3	1.9	4.1															43	43	37	26	
24/ 23		2.5	4.3															46	46	39	23	
22/ 21	1.2	1.2	1.8															28	28	53	23	
20/ 19	.9	3.7	2.2															46	46	46	50	
18/ 17	.4	2.8	1.2															30	30	34	32	
16/ 15	1.0	1.6	.9															24	24	38	24	
14/ 13	.1	1.3	.3															12	12	18	44	
12/ 11	.4	1.0																10	10	13	35	
10/ 9		1.6																11	11	13	43	
8/ 7	.3	.7																7	7	10	35	
6/ 5	.3																	2	2	6	14	
4/ 3		.9																6	6	5	19	
2/ 1		.3																2	2	1	13	
0/ -1	.1	.1																2	2	3	7	
-2/ -3		.1																1	1	2	7	
-4/ -5																					5	
-6/ -7																					4	
-8/ -9																					2	
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

FEB
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-11/-12																					2
-12/-13																					1
TOTAL	16.1	42.0	32.7	7.1	1.2	.7	.1												678	678	678
																			678		678

PSYCHROMETRIC SUMMARY

9373J ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

FEB
MONTH

PAGE 1

HOURS (L-S-T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69							.7	.0	.0									5	5					
68/ 67						.0	.1	.0	.0	.0								10	10					
66/ 65						.1		.0	.1									14	14					
64/ 63						.1	.0	.1	.1	.0								16	16					
62/ 61					.1	.1	.0	.1	.1									20	20					
60/ 59	.0	.0		.1	.1	.0	.1	.0	.1									19	19	2	2			
58/ 57	.2	.1	.1	.1	.1	.0	.1	.1										46	46	18	9			
56/ 55	.2	.2	.2	.2	.1	.2	.1	.0										66	66	28	15			
54/ 53	.2	.5	.3	.1	.2	.2	.1	.0										84	84	38	20			
52/ 51	.4	.8	.5	.3	.3	.2	.1	.1										139	139	88	44			
50/ 49	.4	1.0	.3	.2	.5	.3	.1	.1										162	162	117	72			
48/ 47	.5	1.1	.3	.5	.6	.2	.1											171	171	143	110			
46/ 45	.6	1.0	.4	.7	.6	.4	.1											208	208	158	125			
44/ 43	.7	.9	.7	.8	.6	.2	.0											213	213	167	134			
42/ 41	1.1	1.3	.6	.8	.8	.1	.1											256	256	232	117			
40/ 39	.7	1.5	1.4	.8	.8	.2												290	290	234	121			
38/ 37	1.2	1.1	1.1	.9	.7	.1												277	277	275	183			
36/ 35	.7	1.2	1.2	1.1	.7	.0												266	266	270	177			
34/ 33	.5	2.0	1.2	1.3	.4	.0												297	297	283	161			
32/ 31	.6	2.5	2.2	2.5	.5													447	447	291	273			
30/ 29	.6	1.4	2.6	1.9	.2													359	359	343	226			
28/ 27	.6	1.7	1.9	1.0	.1													287	287	351	283			
26/ 25	.3	1.7	2.5	.6														278	278	412	224			
24/ 23	.2	1.4	1.8	.3														201	201	347	177			
22/ 21	.7	1.5	2.0	.2														232	232	297	204			
20/ 19	.7	2.3	1.7															254	254	276	298			
18/ 17	.3	2.3	.8															182	182	232	298			
16/ 15	.5	2.1	.6															172	172	222	254			
14/ 13	.4	1.7	.4															133	133	162	299			
12/ 11	.6	1.1	.1															100	100	134	320			
10/ 9	.4	.8																						

PSYCHROMETRIC SUMMARY

YEARS

FEA
MONTH

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63			.3															2	2			
62/ 61		.1	.3	.3														5	5			
60/ 59		.3	.3	.4														7	7	5	1	
58/ 57		.3	.3	.3														6	6	2	5	
56/ 55		.4		.1														4	4	10	3	
54/ 53		1.3	.4	.1														14	14	8	4	
52/ 51	.1	2.8	.8		.3													30	30	17	18	
50/ 49	.4	3.0	.7	.5	.4													37	37	25	15	
48/ 47	.1	1.9	.9	1.1	.1													31	31	33	35	
46/ 45		2.8	1.5	.9	.5													43	43	21	21	
44/ 43	.4	3.1	1.6	.9	.4	.1												49	49	39	26	
42/ 41	.4	3.2	2.0	1.3	.8													58	58	54	21	
40/ 39	.7	2.4	2.3	2.0	.3	.4												60	60	44	33	
38/ 37	.8	2.7	2.4	.9	.1	.3												54	54	49	53	
36/ 35	.7	2.2	2.0	1.6	.1													49	49	59	30	
34/ 33	.5	2.3	1.9	1.3	.8													51	51	54	40	
32/ 31	.9	4.7	2.3	.7	.4													67	67	54	55	
30/ 29	1.3	1.5	2.2	1.3	.1													48	48	74	40	
28/ 27	.9	2.6	2.0	1.1														49	49	36	53	
26/ 25	.7	.9	1.1	.1														21	21	57	47	
24/ 23	.1		.7	.1														7	7	36	23	
22/ 21	.3	.4	1.7															18	18	14	42	
20/ 19	.1	1.5	.7															17	17	17	38	
18/ 17		.5	.5															8	8	17	17	
16/ 15	.3	.3	.3															6	6	10	16	
14/ 13																				6	25	
12/ 11																					20	
10/ 9		.1																1	1		21	
8/ 7		.3																2	2	1	13	
6/ 5																				2	7	
4/ 3																					5	
2/ 1																					11	
0/ -1																					5	
-2/ -3																					1	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63			.1															1	1			
62/ 61		.1		.3														3	3			
60/ 59		.5	.1															5	5	2		
58/ 57			.3															2	2	6	3	
56/ 55	.1	.1	.5			.1												7	7	3	4	
54/ 53	.1	.7	.7		.1													12	12	5	4	
52/ 51	.3	1.7	.9															22	22	13	9	
50/ 49	.1	2.6	.8		.1													27	27	23	14	
48/ 47	.5	2.6	.5	.4														30	30	28	31	
46/ 45	.3	1.5	2.0	.5	.4													35	35	26	21	
44/ 43	.4	4.2	1.9	.5	.3													54	54	24	22	
42/ 41	.7	3.6	2.0	.8	.4													56	56	56	26	
40/ 39	1.2	2.6	3.0	1.2	.3	.1												62	62	61	39	
38/ 37	.5	2.8	2.4	.5	.1													48	48	44	37	
36/ 35	.7	2.7	1.6	1.2	.4													49	49	53	58	
34/ 33	.8	2.4	1.9	.9														45	45	51	34	
32/ 31	.5	4.4	3.9	.8	.7													77	77	43	48	
30/ 29	1.6	1.6	1.5	1.6														47	47	69	36	
28/ 27	1.1	1.7	1.5	.4														35	35	59	42	
26/ 25	.7	2.6	3.2	.3														50	50	36	52	
24/ 23	.4	.7	1.2															17	17	54	24	
22/ 21	.1	.7	.8															12	12	23	38	
20/ 19	.5	.8	1.2															19	19	20	42	
18/ 17	.1	.8	.3															9	9	13	28	
16/ 15	.4	.3	.5															9	9	15	15	
14/ 13	.3	.5	.1															7	7	4	29	
12/ 11		.1																1	1	8	22	
10/ 9																				2	17	
8/ 7		.3																2	2		13	
6/ 5		.1																1	1	3	9	
4/ 3																					8	
2/ 1																					5	
0/ -1																					7	
-2/ -3																					1	
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65			.1		.1													2	2						
64/ 63				.3	.1													3	3						
62/ 61		.1																1	1	1					
60/ 59		.1	.1															2	2	1					
58/ 57		.5		.4														7	7	6	3				
56/ 55		.7	.3															7	7	6	5				
54/ 53		1.2	.8	.3														17	17	8	6				
52/ 51	.1	1.9	.7	.1	.3													23	23	15	11				
50/ 49	.3	2.6	1.2	.5	.7													39	39	30	23				
48/ 47	.1	2.4	1.3	.5	.5													37	37	20	24				
46/ 45	.1	2.4	1.5	.4	.1													34	34	36	26				
44/ 43	.3	2.4	1.5	1.7	.4													47	47	38	22				
42/ 41	1.5	3.5	1.7	1.6	.7													67	67	42	29				
40/ 39	.8	2.0	2.6	1.3	.1													51	51	59	36				
38/ 37	.5	1.9	2.4	1.6	.3													50	50	44	41				
36/ 35	.8	3.2	2.2	1.7	.3													61	61	54	32				
34/ 33	.9	2.4	2.2	.9	.3													50	50	70	36				
32/ 31	.8	3.9	2.0	1.6	.3													64	64	50	60				
30/ 29	.3	1.3	2.7	1.7														45	45	50	57				
28/ 27	1.1	1.6	2.0	.7														40	40	45	39				
26/ 25	.1	1.5	1.9															26	26	46	39				
24/ 23	.1	.5	1.6															17	17	42	26				
22/ 21	.3	.7	.7															12	12	22	34				
20/ 19	.4	1.1	.5															15	15	20	33				
18/ 17	.1	.3	.7															8	8	10	32				
16/ 15		.5	.1															5	5	8	16				
14/ 13	.5	.5																8	8	10	19				
12/ 11		.3																2	2	5	31				
10/ 9		.1																1	1	2	21				
8/ 7		.3																2	2	1	11				
6/ 5		.1																1	1	3	7				
4/ 3																					8				
2/ 1																					6				
0/ -1																					3				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

74-81

YEARS

MAR
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

YEARS

MAR
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 73

PSYCHROMETRIC SUMMARY

74-81

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 STATION ATLANTIC CITY N.J. STATION NAME

74-81 YEARS

MAR MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83										.1								1	1		
82/ 81										.1								1	1		
80/ 79									.4									3	3		
78/ 77									.1									1	1		
76/ 75						.1		.3										3	3		
74/ 73						.4	.1	.1										5	5		
72/ 71					.1	.1	.1											3	3		
70/ 69					.1	.3		.3		.1	.1							7	7		
68/ 67				.1	.1			.1	.5									7	7		
66/ 65					.1		.3	.1										4	4	2	
64/ 63					.3	.5	.1	.3			.1							10	10	10	
62/ 61			.1	.3	.7	.3		.4	.5	.1								18	18	5	
60/ 59		.1		.4	.4	.4	.8	.5	.7									25	25	6	1
58/ 57		.5	.4	.9	.7	1.2	.7	1.2	.4									45	45	4	7
56/ 55	.4	1.5	.8	.3	.7	.7	.9	.9										46	46	13	7
54/ 53	.5	.7	.8	.3	1.3	1.1	.5	.5										43	43	42	21
52/ 51	.1	1.9	1.7	1.2	.8	.8	1.6	1.3										71	71	32	28
50/ 49	.1	.5	1.2	1.3	1.7	1.5	1.9	.3										64	64	30	17
48/ 47	.3	1.5	1.3	.8	2.2	2.2	.4											64	64	48	24
46/ 45		.9	.9	.9	2.0	2.0	1.1											59	59	63	21
44/ 43	.1	.8	.3	1.2	1.6	1.9	.3											46	46	60	26
42/ 41	.1	.1	.4	1.2	2.4	.7	.3											39	39	49	34
40/ 39	1.2	1.7	1.5	.7	.7	1.2												52	52	71	37
38/ 37	.3	.9	.7	1.1	1.1	.3												32	32	79	37
36/ 35	.3	.3	.5	.9	1.2	.1												25	25	58	31
34/ 33	.5	1.2	.3	.9	1.2													31	31	50	34
32/ 31	.1	.5	.4	.5	1.3													22	22	40	42
30/ 29	.1		.5	.4														8	8	25	59
28/ 27				.3														2	2	21	42
26/ 25				.1														1	1	16	29
24/ 23																				11	31
22/ 21			.1	.3														3	3	3	39
20/ 19			.4															3	3		44
18/ 17																				3	21
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

YEAR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75								.1										1	1					
74/ 73								.1										1	1					
72/ 69					.1		.1											2	2					
66/ 67				.1														1	1					
66/ 65					.3		.1											3	3					
64/ 63				.3	.4	.1												6	6					
62/ 61			.4			.1		.1										5	5	4				
60/ 59		.1	.1	.3	.3	.1												7	7	2				
58/ 57			.1		.4			.3										6	6	7	2			
56/ 55	.7	.4	.4	.8	.3	.3	.1	.4										25	25	9	10			
54/ 53	1.2	1.7	1.3	.8	.5	.4	.9	.1										52	52	20	14			
52/ 51	.3	1.3	.9	.9	.3	.4	.1	.1										33	33	21	12			
50/ 49	.1	2.6	.9	.9	1.1	.9	.5	.4										56	56	35	24			
48/ 47		2.4	.5	1.3	.9	.3	.7											46	46	42	21			
46/ 45	.1	1.3	3.4	1.6	1.1	1.2	.3											67	67	35	36			
44/ 43	.4	1.5	2.2	1.6	1.5	1.5	.3											66	66	40	28			
42/ 41	.5	1.9	.9	2.3	1.6	.4												57	57	66	23			
40/ 39	1.1	1.2	3.2	2.3	1.5	.8												75	75	62	33			
38/ 37		2.4	1.6	1.3	.9	.1												48	48	53	52			
36/ 35		1.6	2.2	2.0	1.1													51	51	79	38			
34/ 33	.9	1.1	1.7	1.3	.7													43	43	74	32			
32/ 31		1.5	.3	2.8	.7													39	39	53	46			
30/ 29	.7	.1	.9	.8	.1													20	20	43	57			
28/ 27		.3	.8	1.7														21	21	27	41			
26/ 25		.1	.1	.3														4	4	33	41			
24/ 23			.1															1	1	16	26			
22/ 21			.3	.3														4	4	14	44			
20/ 19			.4															3	3	1	27			
18/ 17		.1																1	1	6	24			
16/ 15																				2	21			
14/ 13																					30			
12/ 11																					19			
10/ 9																								

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH

PAGE 1 2100-2300
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65			.3	.1														3	3			
62/ 61			.3	.1														3	3	3		
60/ 59	.1	.1	.4	.3	.1													8	8	1	3	
58/ 57		.7	.1	.4		.1												10	10	4	1	
56/ 55	.4	.5		.1		.1												9	9	11	6	
54/ 53	.3	1.5	.5	.3		.1												20	20	16	14	
52/ 51	.4	1.6	1.1	.4	.4		.1											30	30	16	10	
50/ 49	.5	3.1	.9	.5	.1		.1											40	40	17	25	
48/ 47		3.2	.8	1.1	.9	.1	.1											47	47	38	15	
46/ 45		1.6	1.7	1.1	.4	.4	.1											40	40	38	30	
44/ 43	.4	3.6	2.2	1.1	.1	.5												59	59	42	27	
42/ 41		2.6	1.3	1.7	.5	.7												51	51	44	25	
40/ 39	1.2	1.9	4.4	1.6	.1													69	69	55	40	
38/ 37	.5	2.8	3.1	2.0	.5	.3												69	69	40	35	
36/ 35	.3	1.6	2.6	2.2	.4													52	52	82	32	
34/ 33	.5	2.6	2.8	1.2	.3													55	55	59	39	
32/ 31	1.3	2.7	2.7	2.0	.3													67	67	69	64	
30/ 29	.5	.8	1.9	2.2														40	40	57	58	
28/ 27	.5	1.1	1.6	.1														25	25	43	45	
26/ 25	.3	.3	1.2	1.3														23	23	40	47	
24/ 23		.1	.4	.1														5	5	27	23	
22/ 21	.1	.4	.4	.3														9	9	16	40	
20/ 19		.1	.3															3	3	14	31	
18/ 17	.4	.1	.1															5	5	8	20	
16/ 15		.1	.1															2	2	2	20	
14/ 13																				2	24	
12/ 11																					19	
10/ 9																					16	
8/ 7																					11	
6/ 5																					3	
4/ 3																					8	
2/ 1																					4	
0/ -1																					3	
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 74-81 YEARS MAR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
84/ 83										.0								1	1															
82/ 81										.1								3	3															
80/ 79										.0								6	6															
78/ 77							.1	.0	.0									7	7															
76/ 75						.1	.0	.1										10	10															
74/ 73						.1	.0	.0										9	9															
72/ 71					.1	.0	.0			.0								8	8															
70/ 69				.0	.1	.1	.0	.1		.0	.0							16	16															
68/ 67				.1	.1	.1	.1	.0	.1	.1								27	27															
66/ 65			.1	.1	.1	.0	.1	.1	.1	.0								30	30	11														
64/ 63			.1	.1	.2	.2	.1	.1	.1		.0							51	51	22														
62/ 61	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1								72	72	22	2													
60/ 59	.0	.2	.3	.3	.2	.2	.3	.2	.1									99	99	28	15													
58/ 57		.3	.3	.3	.4	.3	.2	.3	.1									134	134	47	29													
56/ 55	.2	.7	.5	.3	.3	.4	.4	.3										177	177	83	46													
54/ 53	.3	1.2	.8	.4	.5	.4	.4	.3										249	249	153	94													
52/ 51	.3	1.6	1.0	.5	.6	.5	.5	.3										323	323	187	146													
50/ 49	.3	2.1	1.0	.7	.9	.6	.6	.2										376	376	244	159													
48/ 47	.2	2.0	.8	.9	1.0	.8	.2	.0										354	354	299	192													
46/ 45	.1	1.6	1.6	.9	1.4	.9	.3											410	410	309	212													
44/ 43	.3	2.3	1.3	1.4	1.7	.9	.1											435	435	339	207													
42/ 41	.5	2.2	1.3	1.5	1.1	.5	.0											418	418	438	218													
40/ 39	.9	1.7	2.4	1.3	.8	.5	.0											454	454	467	276													
38/ 37	.4	1.9	1.7	1.3	.7	.2												369	369	458	329													
36/ 35	.4	1.7	1.5	1.5	.8	.0												352	352	507	286													
34/ 33	.6	1.6	1.6	1.0	.7													329	329	442	295													
32/ 31	.5	2.5	1.7	1.5	.9													420	420	382	416													
30/ 29	.6	.7	1.3	1.2	.0													231	231	382	391													
28/ 27	.5	.9	1.0	.7														183	183	284	351													
26/ 25	.2	.7	1.0	.3														133	133	291														
24/ 23	.1	.2	.5	.1														48	48	218	21.													
22/ 21	.1	.3	.6	.1														62	62	100	314													
20/ 19	.1	.4	.6															67	67	74	293													
18/ 17	.1	.3	.3															36	36	62	195													
Element (X)	Σ X			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.																≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93735 ATLANTIC CITY NJ

74-81

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 69						.1												1	1			
68/ 67			.1					.1										2	2			
66/ 65				.3			.1											3	3	1		
64/ 63		.3	.8	.1	.1	.3	.1											13	13			1
62/ 61	.3	.8	1.1		.1	.1	.1											19	19	6		3
60/ 59	.1	1.4	.6	.1	.3													18	19	20		5
58/ 57	.6	2.4	1.4	.3			.1											34	34	24		26
56/ 55	.3	1.8	.7	.4	.4													26	26	26		27
54/ 53	.4	1.8	1.4	.6	.3	.1												33	33	31		20
52/ 51	.7	2.1	2.1	1.0	.7	.3	.3											51	51	26		28
50/ 49	.7	2.5	2.2	1.9	.7	.6	.3											64	64	41		25
48/ 47	.8	3.3	1.9	1.8	1.0	.3												66	66	55		39
46/ 45	.3	2.5	2.4	2.4	.6													58	58	46		28
44/ 43		4.2	3.9	1.7	.8													75	75	52		35
42/ 41		2.6	1.8	1.5	.3	.1												46	46	80		46
40/ 39	.8	3.8	2.9	1.7	.1	.1												68	68	69		45
38/ 37	.1	2.2	1.1	1.0	.1													33	33	65		68
36/ 35		2.2	1.0	.8	.3													31	31	47		50
34/ 33	.1	1.1	1.4	1.0	.3													28	28	35		56
32/ 31	.4	.6	1.8	.7	.1													26	26	21		54
30/ 29		.4	1.1	.4														14	14	26		22
28/ 27		.1	.6	.3														7	7	28		23
26/ 25	.1	.1		.1														3	3	9		23
24/ 23	.1																	1	1	10		24
22/ 21																				2		18
20/ 19																						13
18/ 17																						13
16/ 15																						9
14/ 13																						10
12/ 11																						1
10/ 9																						4
8/ 7																						1
6/ 5																						3
Element (X)	Σ X ²		Σ X		V	σ _x	No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

97730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

APR
MONTH

PAGE 2

0003-0200
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

97730
STATION

ATLANTIC CITY N.J.
STATION NAME

74-81
YEARS

APR
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
63/ 67			.1	.1														2	2		
66/ 66		.3	.4		.1													6	6	1	
64/ 63		.1	.1	.1														3	3	2	1
62/ 61	.1	1.0	.4	.3		.1												14	14	10	3
60/ 59	.4	.7	.3	.1	.1	.1		.1										14	14	10	13
58/ 57	.8	1.9	.4	.1	.1													25	25	16	16
56/ 55	.7	3.2	.7	.1	.1													35	35	27	17
54/ 53	.6	2.6	.6	.7		.1												33	33	30	27
52/ 51		1.1	1.8	.7														26	26	27	26
50/ 49	.4	4.2	2.2	.6	.3	.4												58	58	19	22
48/ 47	.6	2.8	1.9	1.5	.3	.3	.1											54	54	62	30
46/ 45	1.1	3.3	3.1	1.3	.3	.1												66	66	44	34
44/ 43	.1	2.9	2.8	1.3	.1	.3												54	54	45	38
42/ 41	1.0	3.2	3.3	1.0	.1													62	62	66	43
40/ 39	.4	3.9	2.2	1.0	.3													56	56	62	46
38/ 37	.8	2.9	2.5	.6														49	49	70	54
36/ 35	.3	2.6	1.8	.4														37	37	51	55
34/ 33	.3	2.4	2.1	.6	.1													39	39	49	44
32/ 31	.6	2.1	1.8	1.3														41	41	27	60
30/ 29		1.4	1.1															18	18	29	40
28/ 27	.1	1.0	.8	.3														16	16	35	23
26/ 25		.7	.3	.1														8	8	19	22
24/ 23		.1																1	1	12	26
22/ 21	.1	.1	.1															3	3	6	24
20/ 19																				1	19
18/ 17																					11
16/ 15																					8
14/ 13																					10
12/ 11																					3
10/ 9																					2
8/ 7																					1
6/ 5																					2
TOTAL	6.5	44.6	31.0	12.1	2.1	1.5	.1	.1										720	720	720	720
Element (X)	Σ X ¹			Σ X			X	X _a	No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	4594870			56542			78.5	14.663	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	1433693			31465			43.7	9.030	720			10.9	.3				90				
Wet Bulb	1269782			29504			41.0	9.194	720			16.1					90				
Dew Point	1082997			26711			37.1	11.315	720			31.4					90				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92770 ATLANTIC CITY NJ

74-81

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75							.3											2	2			
74/ 73							.1											1	1			
70/ 69				.3	.3	.1		.1										6	6			
68/ 67			.4	.1		.1	.1											6	6			
66/ 65		.1	.4	.1	.3	.1												8	8	1		
64/ 63	.1	.4	.1			.3	.1	.3										10	10	12	2	
62/ 61		1.3	.4	.3	.1	.3												17	17	12	6	
60/ 59	.4	1.5	.7	.6		.4	.3											28	28	12	20	
58/ 57	.7	1.9	1.0	.3	.7		.4	.1										37	37	23	18	
56/ 55	.7	1.5	1.0	1.3	.8	.3	.3	.1										43	43	31	18	
54/ 53	.6	2.2	1.0	1.8	.6	.6	.1											49	49	31	31	
52/ 51	.3	2.1	2.6	.8	.8	.4	.4											54	54	33	25	
50/ 49	.4	3.1	1.1	1.3	1.3	.7												56	56	46	21	
48/ 47	.1	2.9	2.5	2.6	1.3	.4	.1											72	72	68	43	
46/ 45	.6	3.2	1.7	1.9	1.3	.1	.1											64	64	50	44	
44/ 43	.4	2.5	2.5	1.5	.7	.3												57	57	63	50	
42/ 41	.3	2.8	1.4	1.3	.6													45	45	64	38	
40/ 39	.3	1.5	1.8	1.0	.3	.1												36	36	65	46	
38/ 37		1.4	1.5	.8	.4													30	30	45	47	
36/ 35		2.1	1.7	.7	.1													33	33	39	44	
34/ 33	.1	1.5	1.0	.8														25	25	36	45	
32/ 31	.1	.6	1.0	.6														16	16	34	57	
30/ 29	.3	.6	.8	.4														15	15	16	21	
28/ 27		.6	.3															6	6	17	31	
26/ 25		.1	.1															2	2	16	30	
24/ 23		.1																1	1	4	23	
22/ 21			.1															1	1	1	8	
20/ 19																				1	18	
18/ 17																					13	
16/ 15																					7	
14/ 13																					9	
12/ 11																					1	
10/ 9																					3	
8/ 7																					1	
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

APR

MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81
YEARS

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MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 97											.3							2	2				
86/ 85										.1								1	1				
84/ 83										.1								1	1				
82/ 81							.1	.1	.4			.3						7	7				
80/ 79							.4	.4		.3								8	8				
78/ 77							.3			.1	.1							4	4				
76/ 75						.4	.3	.1	.1	.1		.1						9	9				
74/ 73					.6	.1		.3	.1	.1								9	9				
72/ 71					.6	.3		.4	.1	.1								11	11				
70/ 69		.1		1.1		.1	.4	.4	.1	.4	.1							21	21	2			
68/ 67		.3	.3	.1	.1	.7	1.0	.6	.7	.4								30	30	15	1		
66/ 65		.3	.1	.3	.6	.6	.7	.4	1.0	.1								29	29	13	1		
64/ 63		.7	.3	.6	.4	1.3	.6	.4	1.1	.3								40	40	18	6		
62/ 61		1.3	.8	1.1	.8	1.1	.4	.7	.7	.1								51	51	16	14		
60/ 59		.1	.7	.1	1.8	.3	1.9	1.1	.3	.3								48	48	18	24		
58/ 57		.3	1.0	.6	.8	1.9	1.7	1.1	.1									54	54	37	18		
56/ 55	.4	1.4	.6	.4	1.0	1.9	1.7	.7										58	58	32	22		
54/ 53	.1	1.3	.8	.8	1.4	1.9	1.1	.3										56	56	53	13		
52/ 51	.1	2.5	1.0	.3	2.4	.8	1.3	.1										61	61	53	26		
50/ 49	.1	1.4	.3	1.0	2.4	1.8	1.0	.4										60	60	62	46		
48/ 47		1.4	.6	.8	1.3	1.4	.4											42	42	74	32		
46/ 45	.4	.7	.7	1.0	1.8	.7	.4											41	41	68	48		
44/ 43		.7	.7	.7	1.0	.8												28	28	58	34		
42/ 41		.6	.1	.8	1.3	.1												21	21	61	27		
40/ 39			.1	.4	.7	.1												10	10	36	26		
38/ 37			.1	.7	.4	.1												10	10	41	26		
36/ 35				.1	.1	.1												3	3	27	59		
34/ 33				.1	.3													3	3	12	61		
32/ 31				.1														1	1	13	43		
30/ 29																				4	37		
28/ 27																				4	26		
26/ 25																				2	29		
24/ 23																					23		
22/ 21																					15		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

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MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

74-81

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1					1	1		
90/ 89												.1	.1					2	2		
88/ 87												.1						1	1		
86/ 85									.1			.1						2	2		
84/ 83							.1		.1	.6		.3	.3					10	10		
82/ 81							.1	.1										2	2		
80/ 79						.1	.3	1.0	.4		.1							14	14		
78/ 77							.4	.1			.1	.1						6	6		
76/ 75					.3	.1	.3	.1	.3	.6	.1							13	13		
74/ 73				.1	.3	.1	.1	.4	.6									12	12		
72/ 71			.1		.1	.3	.1	.1	.4	1.0	.3							18	18	1	
70/ 69			.1	.3	.4	.3	.1	.6	.7	1.1	.3							28	28	4	
68/ 67		.1	.3	.1	.8	.4	.3	.7	.8	1.8	.1							40	40	10	1
66/ 65		.4		.4	.4	.4	1.1	.8	1.0	.6	.1							38	38	25	2
64/ 63		.7	.3	.7	1.0	1.0	.4	2.4	.8	.3								54	54	14	7
62/ 61		1.3		.4	.8	.3	1.3	2.6	.7	.1								54	54	21	18
60/ 59		.8	.7	.6	.4	1.5	1.5	2.5	.8		.1							65	65	31	16
58/ 57		.8	.8	.7	.6	1.7	1.9	1.7	.6									63	63	30	20
56/ 55	.1	1.0	.7	.4	1.4	1.1	1.1	1.3	.1									52	52	43	21
54/ 53	.1	1.3	.8	.8	1.0	1.3	.8	.7		.1								50	50	46	23
52/ 51		1.5	1.3	.6	1.1	1.4	1.4	.4										55	55	65	32
50/ 49		1.0	.1	1.1	1.0	1.3	1.7	.4										47	47	83	33
48/ 47		.6		.1	.8	1.3	.7											25	25	90	33
46/ 45		.3	.3	1.0	.8	.7												22	22	50	32
44/ 43		1.0	.7	1.1	.4	.1												24	24	49	28
42/ 41	.1	.6	.1	.3		.3	.3											12	12	51	25
40/ 39					.4	.3												5	5	47	38
38/ 37				.4														3	3	33	50
36/ 35			.3															2	2	12	43
34/ 33																				2	66
32/ 31																				11	50
30/ 29																				2	36
28/ 27																					30
26/ 25																					27
Element (X)	Σx²		Σx		X̄		σ²		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ

74-81

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B.-W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89													.1					1	1																	
88/ 87												.1						1	1																	
86/ 85											.1							1	1																	
84/ 83								.1				.3	.3					5	5																	
82/ 81							.1		.1	.1		.3						5	5																	
80/ 79								.4	.4		.1							7	7																	
78/ 77							.1	.1	.4							.1		6	6																	
76/ 75						.4					.1	.3						6	6																	
74/ 73					.3	.7	.4	.3				.3						14	14																	
72/ 71					.3	.1	.3	.4	.1	.8								15	15																	
70/ 69				.1	.6	.3	.3	.4		.8	1.0	.1						26	26			2														
68/ 67			.3	.1	.4	.1	.7	.6	.1	1.1	.4							28	28			3														
66/ 65		.1	.1	.7	.1	.1	1.4	.8	1.1	.4	.1							37	37			14														
64/ 63		.7	.4	.3	.1	.7	1.0	2.4	1.3	.4								52	52			17											5			
62/ 61	.1	1.3	.4	.1	1.1	.7	1.0	2.4	.7	.3								58	58			22											7			
60/ 59	.1	.8	.4	.6	.4	1.5	1.3	1.5	1.3	.1								58	58			30											19			
58/ 57	.3	1.8	1.1	.6	1.3	1.3	1.7	1.9	1.0	.3								80	80			22											23			
56/ 55	.1	1.9	.8	.8	1.1	1.5	1.3	.8										61	61			41											24			
54/ 53	.6	2.1	.3	.4	1.0	1.7	.8	1.3										58	58			62											33			
52/ 51	.1	1.3	.7	.4	1.1	1.7	.8	.1										45	45			72											31			
50/ 49		1.0	.3	.1	1.8	.4	1.5	.1										38	38			75											30			
48/ 47		1.1	.4	.6	.7	1.5	.8											37	37			71											23			
46/ 45		.7	.3	1.1	1.0	.1	.6											27	27			66											36			
44/ 43		1.1	1.1	.8	.3	.4	.4											30	30			61											25			
42/ 41		.7	.3		.4	.1												11	11			54											43			
40/ 39	.1	.1	.1	.1	.3													6	6			41											31			
38/ 37					.3													2	2			38											41			
36/ 35	.1	.1	.1															3	3			9											39			
34/ 33	.1	.1																2	2			12											72			
32/ 31																					8												53			
30/ 29																																		29		
28/ 27																																		23		
26/ 25																																		30		
24/ 23																																		22		
Element (X)	Σ X ²			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X		
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J.
STATION STATION NAME

74-81

YEARS

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 74-81 YEARS APR MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
86/ 85											.1							1	1								
82/ 81										.1								1	1								
80/ 79											.3							2	2								
78/ 77									.1									1	1								
76/ 75										.1								1	1								
74/ 73					.1		.3	.1										4	4								
72/ 71				.1	.6		.1		.1	.1	.1							9	9								
70/ 69					.3	.3		.1	.1	.1								7	7								
68/ 67			.1	.4	.3	.3	.1		.1	.1								11	11								
66/ 65			.1	.1	.1	.1		.3	.4	.3	.1							12	12	3							
64/ 63		.4	.4	1.1	.4	.3	.3	.7	.3									28	28	6							
62/ 61	.1	.6	.7	.6	.6	.7	.4	.6	.3									32	32	17	4						
60/ 59	.3	1.5	.8	.4	.6	.8	1.3	1.1	.3									51	51	24	12						
58/ 57		1.8	1.3	.8	1.0	1.9	1.3	1.0	.1									66	66	23	18						
56/ 55	.7	1.9	1.1	1.4	.7	1.3	1.0	.8	.3									66	66	36	25						
54/ 53	.4	1.8	.6	1.1	1.1	2.5	.6	.7										63	63	38	37						
52/ 51	1.0	2.5	1.1	1.4	1.4	.8	1.1	.1										68	68	55	34						
50/ 49		2.4	1.0	1.9	1.5	1.4	.6											63	63	63	33						
48/ 47		1.9	1.1	1.9	1.8	1.9	.3											65	65	70	28						
46/ 45		1.0	1.3	1.0	1.8	1.4	.1											47	47	66	39						
44/ 43		1.1	1.1	1.1	.4	.7	.6											36	36	78	27						
42/ 41		.8	1.5	1.4	.6	.6												35	35	58	35						
40/ 39		.6	.8	.7	.6	.1	.3											22	22	59	41						
38/ 37	.3	.6	.3	.6	.3	.1												15	15	50	44						
36/ 35	.1	.3	.1	1.0														11	11	27	61						
34/ 33			.1	.3														3	3	19	48						
32/ 31																				13	54						
30/ 29																				14	27						
28/ 27																				1	27						
26/ 25																					33						
24/ 23																					17						
22/ 21																					18						
20/ 19																					21						
18/ 17																					16						
Element (X)	Σ x²				Σ x				x̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75							.1											1	1				
74/ 73							.1											1	1				
72/ 71						.1												1	1				
70/ 69				.1														1	1				
68/ 67							.3	.1										3	3				
66/ 65			.1	.8	.1		.4											11	11	1			
64/ 63		.1	.6	.4	.1													9	9	1			
62/ 61		.4	.8	.8	.3	.1		.1	.1									20	20	5	1		
60/ 59	.3	1.8	1.1	.1	.3	.4	.1	.1										31	31	22	7		
58/ 57	.8	1.9	1.0	.3	.4	.7	.4											40	40	34	27		
56/ 55	.1	1.7	1.8	.6	.3	.8		.4										41	41	27	25		
54/ 53	.4	2.2	1.0	1.5	.3	.7	.6	.1										49	49	26	26		
52/ 51	.7	3.3	1.1	1.7	.7	.1	.3											57	57	43	31		
50/ 49	.3	3.2	1.9	2.6	1.5	.7	.4											77	77	53	40		
48/ 47		3.2	1.9	1.9	1.5	.1	.1											64	64	47	36		
46/ 45		2.9	3.8	1.8	1.5	.4	.1											76	76	60	33		
44/ 43		2.6	1.3	1.4	1.3		.3											49	49	73	31		
42/ 41		2.2	2.2	1.3	.8													47	47	77	40		
40/ 39	.4	1.4	2.8	1.4	1.1	.1												52	52	53	48		
38/ 37	.1	1.4	.8	1.3	.3													28	28	63	68		
36/ 35		1.1	.7	1.3		.1												23	23	41	51		
34/ 33		.6	.6	1.4	.3													20	20	31	49		
32/ 31		.1	.4	1.0														11	11	20	45		
30/ 29		.4	.4															6	6	20	25		
28/ 27			.1															1	1	12	24		
26/ 25																				8	26		
24/ 23																				2	12		
22/ 21																					24		
20/ 19																					16		
18/ 17																					13		
16/ 15																					3		
14/ 13																					8		
12/ 11																					3		
10/ 9																					4		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																					Total		
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMAR

92730 ATLANTIC CITY NJ

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APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 74-81 APP
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.0					1	1		
90/ 89												.0	.0					3	3		
88/ 87											.0	.0						4	4		
86/ 85									.0	.0	.0	.0						5	5		
84/ 83							.0	.0	.0	.1		.1	.1					16	16		
82/ 81							.1	.0	.1	.0		.1						15	15		
80/ 79						.0	.1	.2	.1	.0	.1							31	31		
78/ 77							.1	.0	.1	.0	.0	.0	.0					17	17		
76/ 75					.0	.1	.1	.0	.1	.1	.0	.1						32	32		
74/ 73				.0	.2	.1	.1	.1	.1	.0	.0							41	41		
72/ 71			.0	.0	.2	.1	.1	.1	.1	.3	.1							54	54	1	
70/ 69		.0	.0	.2	.2	.2	.1	.2	.1	.3	.2	.0						90	90	8	
68/ 67		.1	.2	.1	.2	.2	.3	.3	.2	.4	.1							122	122	28	2
66/ 65		.2	.2	.3	.2	.2	.5	.3	.4	.2	.1							144	144	59	3
64/ 63	.0	.4	.4	.4	.3	.5	.3	.8	.4	.1								209	209	70	22
62/ 61	.1	1.0	.6	.5	.5	.4	.4	.8	.3	.1								265	265	109	56
60/ 59	.2	1.1	.7	.3	.5	.6	.8	.8	.3	.1	.0							313	313	167	116
58/ 57	.4	1.6	1.0	.5	.6	.9	.9	.7	.2	.0								399	399	209	166
56/ 55	.4	1.8	.9	.7	.7	.9	.7	.5	.1									382	382	263	179
54/ 53	.4	1.9	.8	1.0	.7	1.1	.5	.4		.0								391	391	317	210
52/ 51	.4	2.0	1.5	.9	1.0	.7	.7	.1										417	417	374	233
50/ 49	.2	2.3	1.1	1.3	1.3	.9	.7	.1										463	463	442	250
48/ 47	.2	2.2	1.3	1.4	1.1	.9	.3											425	425	537	264
46/ 45	.3	1.8	1.7	1.4	1.1	.5	.2											401	401	450	294
44/ 43	.1	2.0	1.7	1.2	.6	.3	.2											353	353	479	268
42/ 41	.2	1.7	1.4	.9	.5	.2	.0											279	279	511	297
40/ 39	.3	1.4	1.4	.8	.5	.1	.0											255	255	432	321
38/ 37	.2	1.1	.8	.7	.2	.0												170	170	405	398
36/ 35	.1	1.1	.7	.5	.1	.0												143	143	253	402
34/ 33	.1	.7	.6	.5	.1													120	120	196	441
32/ 31	.1	.4	.6	.5	.0													95	95	147	416
30/ 29	.0	.3	.4	.2														53	53	111	237
28/ 27	.0	.2	.2	.1														30	30	97	207
26/ 25	.0	.1	.1															13	13	54	220
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

MAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75			.1															1	1					
74/ 73			.1	.3														3	3					
72/ 71		.3																2	2	3				
70/ 69	1.1	.1		.3														11	11	10	11			
68/ 67	.5	.1	.9	.8														18	18	6	6			
66/ 65	.1	2.3	1.2	.3														29	29	8	5			
64/ 63	1.1	2.7	2.2	.5		.3	.1											51	51	40	20			
62/ 61	.9	5.0	2.0	.4	.4	.1												66	66	35	41			
60/ 59	2.0	4.6	1.2	.5	.1				.1									64	64	84	50			
58/ 57	1.2	5.1	1.7	.4														63	63	54	67			
56/ 55	1.3	5.5	1.9	.8	.1	.1	.1	.1										75	75	72	71			
54/ 53	.8	3.4	2.4	1.2	.3	.3												62	62	61	60			
52/ 51	.5	3.6	1.9	1.1	.1	.4	.1											58	58	47	35			
50/ 49	1.1	3.6	1.5	1.5	.1	.4												61	61	58	57			
48/ 47	.8	3.6	1.7	1.1	.3	.1												57	57	58	52			
46/ 45	.1	2.6	2.0	1.5		.1												47	47	57	40			
44/ 43	.1	1.7	1.3															24	24	43	46			
42/ 41	.3	.5	1.5	.1	.1													19	19	34	41			
40/ 39	.5	.1	1.5		.1													17	17	36	37			
38/ 37	.1	.3	.1															4	4	17	15			
36/ 35		.4		.1														4	4	6	18			
34/ 33		.3	.1	.1														4	4	6	28			
32/ 31		.1	.1															2	2	2	16			
30/ 29	.3																	2	2	7	10			
28/ 27																					3			
26/ 25																					3			
24/ 23																					5			
22/ 21																					4			
20/ 19																					2			
18/ 17																					1			
16/ 15																					1			
TOTAL	13.0	46.0	25.7	11.0	1.7	1.9	.4	.1	.1									744	744	744	744			
																		744		744				
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5396722		62580		84.1		13.376		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2242028		40422		54.3		7.858		744			.5	4.4	.5			93							
Wet Bulb	2048771		38555		51.8		8.269		744			1.1	2.4				93							
Dew Point	1886826		36726		49.4		9.975		744			5.5	2.1				93							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, NJ

74-81

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71			.4															3	3				
70/ 69	.1																	1	1	1	1		
68/ 67	.9	.3	.4	.5	.1													17	17	10	7		
66/ 65	.8	1.7	.8		.1													26	26	9	10		
64/ 63	.9	3.1	1.3	.3														42	42	29	15		
62/ 61	2.0	5.1	1.7	.4	.1													70	70	53	42		
60/ 59	1.7	3.9	.7	.4	.1													51	51	69	48		
58/ 57	2.6	4.0	.5	.8														59	59	60	78		
56/ 55	2.0	5.4	2.8															76	76	60	69		
54/ 53	1.2	4.3	1.9	.1		.4												59	59	48	40		
52/ 51	1.1	3.8	1.1	.3		.1												47	47	72	49		
50/ 49	.7	5.5	.8	.5	.1													57	57	36	54		
48/ 47	1.7	3.4	1.5	.1	.1	.1												52	52	63	63		
46/ 45	.1	3.2	1.7	.1	.4													42	42	38	35		
44/ 43	.1	3.5	1.5	1.3	.1													49	49	47	33		
42/ 41		1.7	2.2	1.1	.1													38	38	33	32		
40/ 39	.3	1.5	1.2	.1														23	23	38	38		
38/ 37	.1	1.2	.7															15	15	40	22		
36/ 35		.3	.3															4	4	16	23		
34/ 33	.1		.3	.1														4	4	10	28		
32/ 31	.3		.3															4	4	3	24		
30/ 29	.1																	1	1	3	14		
28/ 27	.3		.1															3	3	4	4		
26/ 25																				1	5		
24/ 23																					6		
22/ 19																					2		
18/ 17																					1		
TOTAL	17.4	52.0	22.2	6.3	1.5	.7												743	743	743	743		
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	5678505		64397		86.7	11.440	743		$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb	2122942		39230		52.8	8.341	743			1.0	2.6				93								
Wet Bulb	1974684		37752		50.8	8.726	743			1.4	1.4				93								
Dew Point	1844916		36264		48.8	10.051	743			7.0	1.0				93								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

74-81

YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79					.1													1	1				
76/ 75				.3	.1	.1	.1											5	5				
74/ 73	.1	.3		.3	.1	.4	.1											10	10	1	1		
72/ 71	.5	.3	.4	.9	.8	.1	.3											25	25	7	6		
70/ 69	.1	.1	.9	.9	.7		.5	.1										26	26	6	3		
68/ 67	.5	.8	1.5	1.2	.4	.3			.1									36	36	16	10		
66/ 65	.1	2.4	1.1	1.3	.7	.1		.1										44	44	29	14		
64/ 63	1.5	4.0	1.5	1.1	.5	.4	.4	.1										71	71	57	35		
62/ 61	1.3	4.0	.9	1.3	.5	.7	.3	.4										71	71	69	50		
60/ 59	.8	4.2	1.2	1.3	.8	.4	.1											66	66	61	58		
58/ 57	1.1	4.3	2.3	.9	.7	1.1	.1											78	78	69	73		
56/ 55	.9	3.1	3.2	.7	.9	.5	.1											71	71	60	65		
54/ 53	.3	2.4	.8	.4	1.1	.9												44	44	62	40		
52/ 51	.9	1.7	1.6	.7	.3	.3	.3											43	43	61	53		
50/ 49	.5	3.2	.9	1.2	.7	.1												50	50	53	64		
48/ 47	.8	1.9	.8	.5	1.1	.3												40	40	56	44		
46/ 45	.1	.9	1.3	.5	.3		.1											25	25	38	38		
44/ 43		.9	.1	.4	.3													13	13	27	29		
42/ 41		.5	.7	.5	.1													14	14	30	24		
40/ 39	.1	.3	.4															6	6	20	28		
38/ 37		.1	.3															3	3	10	30		
36/ 35																				9	21		
34/ 33		.1																1	1	1	15		
32/ 31			.1															1	1	1	18		
30/ 29																				1	12		
28/ 27																					6		
26/ 25																					2		
24/ 23																					1		
22/ 21																					2		
20/ 19																					1		
18/ 17																					1		
TOTAL	9.9	35.8	20.2	14.7	10.2	5.8	2.6	.8	.1										744	744		744	
																		744		744			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.	4829523		58659		78.8		16.598		744		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	2529165		42971		57.8		7.979		744			.1	12.9	2.0			93						
Wet Bulb	2221811		40211		54.0		8.081		744			.3	3.8	.1			93						
Dew Point	1986335		37703		50.7		10.093		744				5.4	2.5	.1		93						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ

74-81

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
90/ 89											.1							1	1		
88/ 87							.1											1	1		
86/ 85								.4		.3		.3						7	7		
84/ 83				.1		.1			.1			.3						5	5		
82/ 81					.1	.3	.7	.1	.4		.1							13	13		
80/ 79			.7	.1	.1	.9	.3	.7	.4	.3	.1							27	27		
78/ 77		.1	.4	.3	.8	.4	.8	.9	.5	.3								34	34	4	
76/ 75		.1	.3	.5	1.2	1.2	.9	.4				.1						36	36	8	6
74/ 73		.1		.7	.9	.8	.7	.8	1.1	.3	.3							42	42	7	4
72/ 71		.4	.8	.8	.7	.8	.8	.5	.3	.3	.4							43	43	15	6
70/ 69	.1	.1	2.0	.9	.9	1.7	.7	.5	.5	.9	.1							65	65	23	10
68/ 67		.1	2.2	.7	1.3	1.1	1.1	.7	.8	.4								62	62	41	7
66/ 65	.1	1.5	1.1	.9	1.5	.8	1.3	.7	1.1									67	67	57	36
64/ 63	.4	2.0	1.3	.7	1.2	2.0	.5	.7	.5									70	70	60	41
62/ 61	.1	2.4	.3	1.3	.7	1.5	.8	1.1										61	61	69	48
60/ 59	.7	.9	.5	.8	.1	1.1	.9	.7										43	43	76	64
58/ 57	.3	1.7	.5	.4	.5	.8	.7	.1										38	38	49	50
56/ 55	.5	1.9	.8	.5	.3	.9	.5	.3	.1									44	44	67	45
54/ 53	.5	.3	.5	.3	.3	.7	.1	.1										21	21	62	52
52/ 51	.5	1.3	.1	.1	.3	.5	.1	.3										25	25	55	50
50/ 49	.3	1.2	.1	.1	.4	.4												19	19	54	32
48/ 47		.3	.1		.7	.1	.1											10	10	31	55
46/ 45		.7			.3													7	7	24	30
44/ 43		.3																2	2	16	35
42/ 41																				14	25
40/ 39																				6	18
38/ 37																				6	17
36/ 35																					32
34/ 33																					18
32/ 31																					31
30/ 29																					15
28/ 27																					8
24/ 23																					1
Element (X)	Σ X ¹		Σ X		X		X ₂		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

MAY
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1	.1								2	2		
92/ 91									.1									1	1		
90/ 89									.1	.1		.4	.1					6	6		
88/ 87								.1	.3	.1	.3	.3	.3					10	10		
86/ 85							.1	.5	.1	.3	.1	.1	.1					11	11		
84/ 83				.3	.1	.3	.5	.4	.7	.4		.1		.1	.1			23	23		
82/ 81			.1	.1	.1	.1	.4	.3	.4		.1	.1	.3					16	16		
80/ 79			.4	.1	.3	.7	.5	.7	1.2	.1	.1		.1					32	32		
78/ 77			.3	.3	.1	1.1	.9	1.3	.5	.7	.1	.3						42	42	6	
76/ 75		.3	.1	.9	.9	.3	1.3	.4	1.1	.4	.9	.3						52	52	7	4
74/ 73		.1	.4	1.3	.9	.3	1.2	.9	.7	.1	.8	.1						52	52	13	6
72/ 71		.7	1.1	1.7	.9	.7	.8	.7	.7	1.1	.5							66	66	22	7
70/ 69		.1	1.9	.7	1.1	1.2	1.1		1.2	.4	.4							60	60	35	12
68/ 67		.3	1.6	.9	1.1	.4	1.6	.4	.9	.5								58	58	48	15
66/ 65		1.3	1.2	.8	1.9	1.2	.9	1.3	.8									71	71	67	31
64/ 63		1.1	.3	.9	1.1	1.1	1.6	.5	.5									53	53	69	45
62/ 61		.8	.5	.7	.8	1.2	1.2	.5										43	43	55	59
60/ 59	.3	.5		1.1	.3	.5	1.1	.7										33	33	56	36
58/ 57	.1	1.5	.1	.1	.7	.3	.7	.4		.1								30	30	67	36
56/ 55	.5	.7	.3		.3	.1	.3	.5	.1									21	21	64	64
54/ 53	.5	1.1	.4		.1	.8	.1	.1										24	24	63	58
52/ 51		.9	.4	.1	.1	.4												15	15	62	34
50/ 49		.5		.5		.1												9	9	37	32
48/ 47		.7		.1														6	6	23	49
46/ 45		.7																5	5	22	37
44/ 43			.3															2	2	13	31
42/ 41		.1																1	1	11	31
40/ 39																				4	26
38/ 37																					36
36/ 35																					19
34/ 33																					29
32/ 31																					23
30/ 29																					10
28/ 27																					6
Element (X)	Σ H ²		Σ H		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAY
MONTH

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91									.1									1	1		
90/ 89								.3			.1	.1						4	4		
88/ 87											.1	.4						4	4		
86/ 85								.4	.1	.1	.4				.1			9	9		
84/ 83				.1			.4		.7	.1		.4		.3				15	15		
82/ 81			.1	.4		.4	.8	.5		.1	.3	.4						23	23		
80/ 79			.4		.5	.1	.4		.7			.3	.1					19	19		
78/ 77		.1	.1		.1	.4	.7	1.1	.4		.1	.1						24	24	3	
76/ 75		.1	.3	.3	.7	.9	.4	1.3	.5	.3	.7	.3						43	43	11	2
74/ 73		.1	.7	1.1	1.1	1.3	.5	.4	.7	.5	.4							51	51	3	8
72/ 71		.1	1.9	1.2	1.2	.5	.7	.9	.4	.5	.5							60	60	16	3
70/ 69		.3	1.5	1.3	1.1	.5	1.5	1.2	.9	.3								64	64	24	6
68/ 67		.3	1.3	1.9	.5	.4	.9	1.1	.5	.4								55	55	50	15
66/ 65		1.3	1.6	.8	1.7	.4	1.2	1.3	1.6	.1								76	76	47	30
64/ 63		1.6	.8	1.2	1.1	.5	1.6	1.2	.4									63	63	72	30
62/ 61		1.2	.8	1.2	.8	2.0	1.1	.8	.1									60	60	67	49
60/ 59		1.9	.9	.8	.7	1.3	.5	.8										52	52	49	64
58/ 57		1.2	.5	1.1	.4		.8											30	30	77	49
56/ 55	.3	.5	.5		.7		.4	.1										19	19	68	51
54/ 53	.5	1.2	.5		.5	.8	.4	.1	.3									33	33	61	47
52/ 51	.4	.9	.7	.4		.5												22	22	80	50
50/ 49	.1																	1	1	42	45
48/ 47	.1	.4	.3															6	6	25	22
46/ 45		.1	.5															5	5	21	38
44/ 43		.4	.1															4	4	17	41
42/ 41																				6	48
40/ 39																				2	23
38/ 37																				2	25
36/ 35		.1																1	1	1	20
34/ 33																					29
32/ 31																					24
30/ 29																					17
28/ 27																					4
26/ 25																					1
Element (X)	Σ X ²		Σ X		X̄		σ _n		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAY
MONTH

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
98/ 87								.1										1	1				
86/ 85									.1									1	1				
84/ 83						.1												1	1				
82/ 81					.1			.3					.1					4	4				
80/ 79				.1	.1	.1	.3	.3			.1							8	8				
78/ 77				.1	.4	.1	.1	.1	.1		.1							9	9				
76/ 75		.1		.3		.5		.1	.1	.1	.1	.1						12	12	1			
74/ 73		.4	.3	.7	.8	.4	.4	.3	.1		.3							27	27	6			
72/ 71		.5	1.1	.4	.8	.1		.1	.5	.3	.1							30	30	6	7		
70/ 69	.3	.4	1.8	1.5	.8	.3	.4	.5	.4	.3								49	49	15	11		
68/ 67		.8	2.0	1.8	.1	.1	.9	.5	.3	.3								51	51	29	2		
66/ 65		1.9	2.4	.9	.4	.8	.7	.8	.1									60	60	32	28		
64/ 63	.3	2.6	1.8	.3	.8	.7	.8	.7	.1									59	59	55	31		
62/ 61	.1	3.2	2.0	1.8	.8	.8	.7	.7										75	75	63	33		
60/ 59	1.1	3.8	1.6	1.1	1.2	1.5	.7	.4										84	84	63	85		
58/ 57	.1	3.4	.8	1.5	2.0	.4	1.1	.1										70	70	62	57		
56/ 55	.8	1.2	1.6	.8	1.5	.7	.5											53	53	80	61		
54/ 53	.4	2.0	.5	1.3	.7	.5	.1											42	42	53	33		
52/ 51	.5	2.0	1.3	.8	.8	.7		.1										47	47	76	42		
50/ 49		1.5	.4	.7	.4	.5	.1											27	27	67	40		
48/ 47		.8	.3		.5													12	12	49	47		
46/ 45	.1	.8	.3		.1	.1												11	11	32	35		
44/ 43	.1	.3		.1														4	4	29	53		
42/ 41			.4	.3														5	5	11	38		
40/ 39																				8	37		
38/ 37																				4	16		
36/ 35																				1	21		
34/ 33																					18		
32/ 31																					28		
30/ 29																					12		
28/ 27																					3		
26/ 25																					1		
24/ 19																					1		
18/ 17																					1		
Element (X)	Σx²		Σx		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

GLCRA CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH

PAGE 1 2100-230 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.		
80/ 79				.1	.1													2	2				
78/ 77				.1														1	1				
74/ 73			.1	.1	.1			.1										4	4	2			
72/ 71	.4	.3	.8	.1	.3													14	14	4			
70/ 69	.8	.1	1.1	.1	.1		.1											18	18	9	1		
68/ 67	.1	1.3	2.3	.3	.1	.1	.1											33	33	13			
66/ 65		2.2	2.7	.4	.3	.3		.1	.1									40	40	22	1		
64/ 63	.7	3.0	2.6	.7	.7		.1	.1	.1	.1								60	60	44	2		
62/ 61	.3	5.8	1.3	.9		.1	.1											64	64	44	4		
60/ 59	1.1	4.9	2.0	.9	.8	.7	.3	.1										80	80	89	7		
58/ 57	1.3	5.3	2.8	.7	1.8													88	88	64	7		
56/ 55	1.3	2.3	2.6	1.5	1.3	.1	.3											70	70	71	6		
54/ 53	.5	2.3	1.9	1.8	.7	.1	.1											55	55	46	4		
52/ 51	.1	2.4	1.5	1.1	.8	.1												45	45	58	3		
50/ 49	.5	3.1	2.2	1.3	1.3													63	63	68	6		
48/ 47	.1	1.2	1.5	.7	.4													29	29	56	4		
46/ 45	.3	1.8	2.0	.3	.3													34	34	46	2		
44/ 43	.7	1.2	.4	.5														21	21	42	5		
42/ 41	.1	.4	.4		.1													8	8	33	5		
40/ 39		.3	.5	.1														7	7	14	3		
38/ 37		.1	.1	.1														3	3	6	2		
36/ 35																				5	1		
34/ 33		.3																2	2	4	1		
32/ 31																				1	2		
30/ 29																					1		
28/ 27																							
26/ 25																							
22/ 21																							
TOTAL	9.5	38.2	28.2	12.0	9.3	1.6	1.2	.5	.3	.1								741	741	741	74		
Element (X)	Σ x ²		Σ x		Σ	σ _a	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	4970867		59687		80.5	14.847	741		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2433377		42095		56.8	7.536	741				9.0	.9	.1		9								
Wet Bulb	2167344		39656		53.5	7.805	741			.1	3.5	.3			9								
Dew Point	1956460		37402		50.5	9.628	741			4.4	2.1				9								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MA MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93									.0	.0								2	2					
92/ 91								.0	.0									3	3					
90/ 89								.0	.0	.0	.0	.1	.0					11	11					
88/ 87							.0	.0	.0	.0	.1	.1	.0					16	16					
86/ 85							.0	.2	.1	.1	.1	.1	.0		.0			28	28					
84/ 83				.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0			44	44					
82/ 81			.0	.1	.1	.1	.2	.2	.1	.0	.1	.1	.1	.1				56	56					
80/ 79			.2	.1	.2	.2	.2	.2	.3	.1	.1	.0	.0					89	89					
78/ 77		.0	.1	.1	.2	.3	.3	.4	.2	.1	.1	.1						110	110	13				
76/ 75		.1	.1	.3	.4	.4	.4	.3	.2	.1	.2	.0						149	149	27	12			
74/ 73	.0	.1	.2	.6	.5	.4	.4	.3	.3	.1	.2	.0						189	189	32	19			
72/ 71	.1	.3	.8	.7	.6	.3	.3	.3	.2	.3	.2							243	243	73	32			
70/ 69	.3	.2	1.1	.7	.6	.5	.5	.3	.4	.2	.1							294	294	123	66			
68/ 67	.3	.5	1.5	1.0	.5	.3	.6	.3	.3	.2								330	330	213	64			
66/ 65	.2	1.8	1.4	.7	.8	.5	.5	.6	.5	.0								413	413	271	172			
64/ 63	.6	2.5	1.5	.7	.7	.6	.7	.4	.2	.0								469	469	426	243			
62/ 61	.6	3.4	1.2	1.0	.5	.8	.5	.4	.0									510	510	455	362			
60/ 59	1.0	3.1	1.0	.9	.5	.7	.5	.3	.0									473	473	547	475			
58/ 57	.8	3.3	1.2	.7	.8	.3	.4	.1	.0									456	456	502	483			
56/ 55	1.0	2.6	1.7	.5	.6	.3	.3	.1	.0									429	429	542	486			
54/ 53	.6	2.1	1.1	.6	.5	.6	.1	.1	.0									340	340	456	371			
52/ 51	.5	2.1	1.1	.6	.3	.4	.1	.1										302	302	511	349			
50/ 49	.4	2.3	.7	.7	.4	.2	.0											287	287	415	388			
48/ 47	.5	1.5	.8	.3	.4	.1	.0											212	212	361	381			
46/ 45	.1	1.3	1.0	.3	.2	.0	.0											176	176	278	279			
44/ 43	.1	1.0	.5	.3	.1													119	119	234	320			
42/ 41	.1	.4	.6	.3	.1													85	85	172	292			
40/ 39	.1	.3	.5	.0	.0													53	53	128	240			
38/ 37	.0	.2	.2	.0														25	25	85	184			
36/ 35		.1	.0	.0														9	9	38	164			
34/ 33	.0	.1	.1	.0														11	11	21	180			
32/ 31	.0	.0	.1															7	7	7	184			
30/ 29	.1																	3	3	11	100			
28/ 27	.0		.0															3	3	4	35			
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81

YEARS

MAY
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS JUN MONTH
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.3															2	2		
74/ 73	.3	.7	.6	.8														17	17	2	2
72/ 71	.1	2.9	1.7															34	34	16	3
70/ 69	1.4	4.6	2.9	.3														66	66	57	51
68/ 67	1.9	5.3	.6	.3														58	58	50	44
66/ 65	3.2	8.8	1.4	.3	.1													99	99	87	86
64/ 63	1.8	4.9	1.8	.4														64	64	76	68
62/ 61	2.1	6.4	2.5	.4														82	82	64	73
60/ 59	.4	6.5	1.8	.1														64	64	68	43
58/ 57	.8	3.8	1.3	.8														48	48	74	71
56/ 55	.4	3.8	1.0	.8														43	43	33	56
54/ 53	.4	2.8	1.4															33	33	47	52
52/ 51	.3	3.2	.6															29	29	30	32
50/ 49		1.8	1.1	.1														22	22	38	22
48/ 47	.4	1.4	.3															15	15	16	36
46/ 45	.3	2.2	.4	.3														23	23	21	22
44/ 43	.3	.3	.7															9	9	18	16
42/ 41	.3	.8																8	8	9	20
40/ 39	.1																	1	1	11	6
38/ 37	.3																	2	2	2	9
36/ 35																					5
34/ 33																					2
TOTAL	14.9	60.1	20.2	4.7	.1													719	719	719	719
Element (X)	Σ X ²		Σ X		Σ	Σ X		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	5822418		64458		89.6	7.810		719				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	2712467		43821		60.9	7.621		719						22.2	2.4			90			
Wet Bulb	2559692		42538		59.2	7.741		719						15.6	.3			90			
Dew Point	2460130		41630		57.9	8.325		719						12.5	.3			90			

PSYCHROMETRIC SUMMARY

9373J ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS.

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

JUN
MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
90/ 89						.1	.1	.1										3	3		
88/ 87					.1	.1	.1		.1	.1	.1							6	6		
86/ 85					.3	.8	.6	.7	.3	.6	.3							25	25		
84/ 83				.3	.7	.7	1.0	.6	.1	.3	.1							27	27		
82/ 81		.1	.7	1.1	1.1	1.5	.3	1.3	.7	.1								50	50	1	
80/ 79		.1	.3	1.7	1.9	1.8	1.8	1.3	.4	.3	.1							70	70	3	1
78/ 77		.1	.6	1.4	2.2	.4	2.1	1.3	.6	.6								66	66	14	5
76/ 75	.3	.4	1.7	2.5	1.9	1.8	1.3	.6	.3	.3	.1							80	80	26	13
74/ 73	.3	1.1	1.0	3.1	1.8	1.7	1.9	1.0	.4	.4	.1							92	92	61	11
72/ 71		1.8	1.7	1.5	1.4	1.0	2.1	.4	.3	.4								76	76	62	47
70/ 69	.1	1.0	3.3	.8	.7	.8	1.0	.1	.1									58	58	85	56
68/ 67	.6	1.5	.4	1.1	.7	.8	.6	.8										47	47	92	69
66/ 65	.3	1.4	.6	.8	.6	.6	.7	.3										37	37	91	73
64/ 63		1.3	.1	.8	.1	1.3	.6	.1										31	31	67	59
62/ 61		.8	.4	.4	.6	.7	.3	.1										24	24	62	58
60/ 59		1.5	.4	.1	.1	.7												21	21	45	54
58/ 57					.1													1	1	39	54
56/ 55		.1	.1	.1														3	3	22	52
54/ 53			.3															2	2	27	29
52/ 51																				18	31
50/ 49																				5	24
48/ 47																					19
46/ 45																					13
44/ 43																					22
42/ 41																					15
40/ 39																					9
38/ 37																					2
36/ 35																					3
34/ 33																					1
TOTAL	1.5	11.4	11.5	15.8	14.4	14.9	14.3	8.8	3.3	3.1	1.0							720	720	720	720
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	3293218		47100		65.4		17.175		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3925682		52938		73.5		6.817		720				75.1	52.5	18.1		90				
Wet Bulb	3125109		47209		65.6		6.428		720				43.0	13.1	.4		90				
Dew Point	2677116		43438		60.3		8.863		720				25.3	3.8			90				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

JUN
MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
94/ 93										.4								3	3		
92/ 91						.1		.1	.4			.3						7	7		
90/ 89						.4	.4	.8	.7		.6	.3						23	23		
88/ 87						.3	1.0	.6	1.4	1.1	.4	.6						38	38		
86/ 85				.1		.8	.8	1.1	1.1	.1	.3							32	32		
84/ 83				.3	.7	1.0	1.3	.8	1.1	.4								40	40		
82/ 81			.6	.8	1.4	2.8	1.4	1.8	1.1	.3	.3							75	75	2	
80/ 79			.1	1.5	2.6	1.9	1.0	1.4	1.7	.8	.4							83	83	4	
78/ 77			.3	1.7	2.1	1.1	1.4	1.4	1.1	.1	.3	.4						71	71	16	3
76/ 75		.1	1.0	1.3	1.3	1.3	1.8	1.1	.8									62	62	34	9
74/ 73		.1	1.4	1.1	.7	1.5	2.6	1.4	1.0	.1	.4							75	75	73	13
72/ 71		.8	1.0	.7	.4	.4	.8	.6	.3	.4								39	39	77	35
70/ 69		.6	.6	.7	1.0	.6	1.0	.4	.4									37	37	90	59
68/ 67	.3	1.5	1.3	.7	.7	.3	.8	.8	.4	.1								50	50	69	72
66/ 65	.6	1.1	.1	.4	.4	.4	.7	.8										33	33	75	78
64/ 63	.1	.8	.1		.4	.7	.1	.1										18	18	77	54
62/ 61		1.1	.3	.3	.1	.1	.1											15	15	64	37
60/ 59	.1	1.4	.1	.1														13	13	42	58
58/ 57		.3			.1													3	3	39	61
56/ 55			.4															3	3	17	53
54/ 53																				27	40
52/ 51																				12	28
50/ 49																				2	33
48/ 47																					26
46/ 45																					19
44/ 43																					6
42/ 41																					9
40/ 39																					10
38/ 37																					11
36/ 35																					6
34/ 33																					1
TOTAL	1.1	7.9	7.2	9.7	11.9	13.8	15.3	13.3	11.5	4.0	2.6	1.5						720	720		720
Element (X)	Σ X ²			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.	2746317			42627			59.2	7.596	720			≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb	4220813			54853			76.2	7.629	720					79.4	63.6	32.5	.4	90			
Wet Bulb	3183582			47654			66.2	6.411	720					45.6	16.1	.5		90			
Dew Point	2629955			43035			59.8	8.960	720					23.9	3.1			90			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
94/ 93										.3											2	2		
92/ 91									.1		.1	.1									3	3		
90/ 89					.1		.4	.6	.1	.1	.3	.4									15	15		
88/ 87					.3	.6	.6	1.0	.3	.6	.4	.3									28	28		
86/ 85					.3	.7	.8	1.1	.7	.4	1.1				.1						38	38		
84/ 83				.4	.3	.6	1.3	1.1	1.0	.6	.1	.1									39	39		
82/ 81			.4	.3	1.1	1.3	.6	.7	.7	.1	.3										39	39	2	
80/ 79			.4	1.1	2.6	2.4	1.3	1.5	.8	.3	.4										78	78	2	2
78/ 77			.7	.8	1.8	.4	1.3	1.1	1.4	.6	.1	.3									61	61	16	1
76/ 75		.4	.4	3.1	1.3	1.7	1.4	1.8	1.0		.3										81	81	24	9
74/ 73		.6	1.7	2.8	.8	1.0	2.1	1.3	1.0												80	80	55	14
72/ 71		.4	.8	1.1	.7	1.7	1.9	.1	.8	.4											58	58	65	27
70/ 69		1.4	.7	.3	1.3	.8	1.3	.4	.4	.3											49	49	94	45
68/ 67	.1	.4	1.0	1.0	.1	1.0	.4	.7	.7												39	39	77	79
66/ 65	.4	1.3	.4	1.0	.3	.4	.3	.3													31	31	70	73
64/ 63	.1	1.9	.7	.1	1.3	.6	.4	.3													39	39	64	49
62/ 61		1.1	.3	.6	.3	.1	.1														18	18	89	52
60/ 59		1.3	.3			.1															12	12	58	52
58/ 57		.6		.3	.1																7	7	35	44
56/ 55		.1		.1																	2	2	35	69
54/ 53																							14	44
52/ 51																							16	43
50/ 49																							3	33
48/ 47																								23
46/ 45																								16
44/ 43																								8
42/ 41																								13
40/ 39																								6
38/ 37																								9
36/ 35																								7
34/ 33																								1
TOTAL	.7	9.5	7.8	12.9	12.7	13.2	14.0	12.0	9.0	3.6	3.2	1.3	.1									719		719
																					719		719	
Element (X)	Σ x ¹		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.	2871855		43593		60.6		17.852		719		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							90	
Dry Bulb	4078341		53879		74.9		7.544		719				76.4	58.1	25.4	.3							90	
Wet Bulb	3108998		47062		65.5		6.307		719				41.9	12.4	.4								90	
Dew Point	2581194		42612		59.3		8.813		719				22.2	3.3									90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80
YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
86/ 87							.1			.3								3	3			
86/ 85					.1	.1	.1		.4	.1								7	7			
84/ 83					.1	.6	.3	.3		.1	.1							11	11			
82/ 81			.1	.1	.6	.3	.3	.4	.3	.1	.1							17	17			
80/ 79			.1	1.0	.4	.6	.3	.7	.3	.1								25	25	1		
78/ 77		.1	.3	1.0	.7	.6	.4	.3	.1									25	25	2	1	
76/ 75		.4	1.4	1.9	1.4	1.1	.7	.7	.4	.1								59	59	7	3	
74/ 73		1.7	2.2	2.5	1.1	1.1	1.1	.6		.1								75	75	27	6	
72/ 71	.1	1.3	3.9	2.1	1.4	.8	.8	.8										81	81	42	27	
70/ 69		3.9	4.7	1.5	1.7	1.9	.8	.1	.3	.1								109	109	76	39	
68/ 67	1.1	2.4	1.5	1.7	1.9	.7	1.3	.4	.3									81	81	94	75	
66/ 65	.4	3.1	1.0	2.4	1.5	.8	.7	.1	.1									73	73	102	74	
64/ 63		2.1	1.3	1.3	.6	.4	.1	.1										42	42	63	78	
62/ 61		1.9	1.4	1.1	1.0	.6	.1											44	44	69	51	
60/ 59		1.4	1.3	1.3	.4	.7	.1											37	37	79	51	
58/ 57		.7	.7	.3	.3	.3												16	16	56	62	
56/ 55		.4	.6															7	7	43	55	
54/ 53		.1	.1	.1														3	3	24	51	
52/ 51			.4	.1														4	4	22	31	
50/ 49			.1															1	1	6	37	
48/ 47																				6	28	
46/ 45																				1	15	
44/ 43																					12	
42/ 41																					15	
40/ 39																					2	
38/ 37																					6	
36/ 35																					1	
34/ 33																					1	
TOTAL	1.7	19.4	21.1	18.3	13.2	10.6	7.4	4.6	2.2	1.3	.3							720	720	720	720	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	3910636		51708		71.8		16.559		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					90	
Dry Bulb	3502681		49999		69.4		6.523		720				61.6	27.8	6.3						90	
Wet Bulb	2920887		45651		63.4		6.062		720				31.1	4.6							90	
Dew Point	2573941		42653		59.2		8.099		720				18.8	1.3							90	

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

JUN

PAGE 1

2100-2300

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
94/ 93										.1								5	5					
92/ 91						.0		.0	.1		.0	.1						11	11					
90/ 89					.0	.1	.1	.2	.1	.0	.1	.1						41	41					
88/ 87					.1	.1	.2	.2	.3	.1	.1							75	75					
86/ 85				.0	.1	.3	.3	.4	.3	.2	.2			.0				102	102					
84/ 83				.1	.2	.3	.5	.3	.3	.2	.1	.0						118	118					
82/ 81		.0	.2	.3	.5	.7	.3	.5	.3	.1	.1							185	185	5				
80/ 79		.0	.1	.7	1.0	.9	.5	.6	.4	.2	.1							267	267	10	3			
78/ 77		.1	.3	.9	.9	.3	.7	.5	.4	.2	.1	.1						250	250	49	10			
76/ 75	.1	.3	1.0	1.3	.9	.8	.7	.5	.3	.1	.1							345	345	98	36			
74/ 73	.2	1.2	1.2	1.6	.7	.7	1.0	.5	.3	.1	.1							437	437	248	59			
72/ 71	.2	1.9	2.2	1.0	.9	.6	.8	.3	.2	.2								472	472	376	197			
70/ 69	.6	2.8	3.4	.7	.7	.6	.5	.2	.2	.1								563	563	546	384			
68/ 67	1.2	3.3	1.7	.9	.6	.4	.4	.4	.2	.0								525	525	611	522			
66/ 65	1.2	4.5	1.5	1.2	.6	.4	.3	.2	.0									567	567	715	645			
64/ 63	.8	3.4	1.3	.7	.5	.5	.2	.1										423	423	607	543			
62/ 61	.5	3.2	1.6	.8	.3	.2	.1	.0										383	383	572	458			
60/ 59	.1	2.9	1.2	.4	.4	.2	.0											302	302	484	456			
58/ 57	.2	1.6	.6	.5	.2	.1												182	182	427	473			
56/ 55	.2	1.2	.7	.3	.1													138	138	278	466			
54/ 53	.2	1.1	.6	.1	.1	.0												116	116	233	325			
52/ 51	.1	.8	.5	.1	.0													84	84	187	265			
50/ 49	.1	.5	.4	.1	.0													59	59	118	232			
48/ 47	.1	.4	.1	.0	.0													35	35	71	208			
46/ 45	.0	.4	.1	.1														37	37	43	133			
44/ 43	.0	.2	.1															18	18	41	108			
42/ 41	.0	.2																12	12	20	96			
40/ 39	.0	.0																3	3	16	57			
38/ 37	.0																	2	2	2	46			
36/ 35																					24			
34/ 33																					8			
32/ 31																					3			
TOTAL	5.6	29.9	18.7	11.9	8.9	7.3	6.7	4.9	3.3	1.5	.9	.3	.0					5757	5757	5757	5757			
Element (X)	Σx ²		Σx		Σ		Σ		Σ		No. Obs.		Mean No. of Hrs with Temperature						Total					
Rel. Hum.	34305651		431633		75.0		8.377		5757		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	27475690		394364		68.5		8.950		5757				424.7		229.6		83.5		.6				720	
Wet Bulb	23135141		362643		63.0		7.118		5757				243.0		51.3		1.3						720	
Dew Point	20650846		341448		59.3		8.331		5757				.4		151.5		13.5						720	

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMA

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

JUL
MONTH

PAGE 1 0600-01
HOURS (L. S.)

[illegible]

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC (1)
NOV 81

UNCLASSIFIED

USAFETAC/DS-81/102

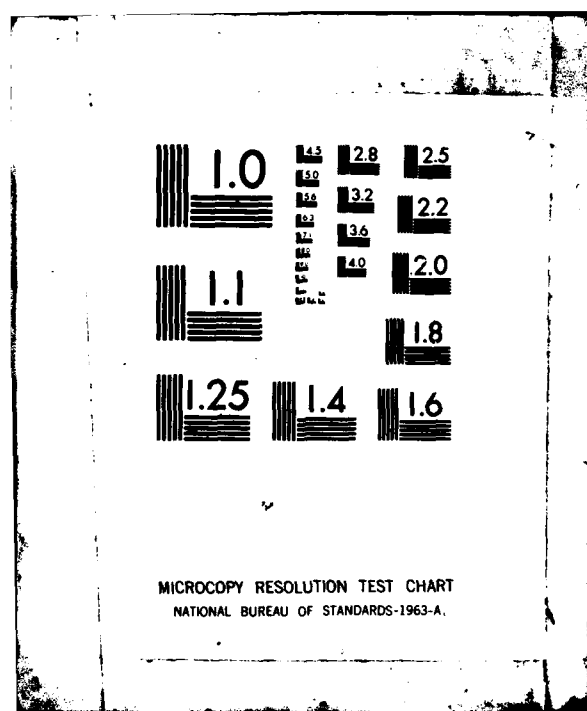
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

JUL
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95									.1	.3		.3						5	5			
94/ 93								.9	.9	.1	.1							16	16			
92/ 91							.7	.7	.7	1.5	.7							31	31			
90/ 89						.1	.8	1.7	2.0	1.2		.1	.3					47	47			
88/ 87						.5	1.6	1.5	.9	.8	.3	.5						46	46			
86/ 85			.4	.3	.8	3.2	1.3	1.5	.8	.7	.5	.9						78	78			
84/ 83			.3	1.1	2.4	2.0	3.2	2.0	1.9	1.3	.7	.1						112	112	1		
82/ 81			.4	.7	1.9	2.8	1.9	2.3	2.0	.5	1.1							101	101	4	1	
80/ 79			.7	1.3	2.3	1.9	1.3	1.3	.9	.8	.4							82	82	25	5	
78/ 77		.4	.7	.9	1.7	1.2	2.4	.9	.9	.3	.7							76	76	44	3	
76/ 75		1.1	.9	1.9	.8	1.2	.9	.8	.8	.4								66	66	94	30	
74/ 73	.3	.5	.9	.7	.1	1.1	.4	.5	.3									36	36	121	48	
72/ 71	.1	.7	.9	.5		.5		.3										23	23	106	73	
70/ 69		.3	.5	.3	.1	.3												11	11	94	94	
68/ 67			.1	.1	.3		.1	.1										6	6	67	78	
66/ 65							.1											1	1	72	67	
64/ 63		.3		.1														3	3	47	71	
62/ 61		.5																4	4	34	56	
60/ 59																				28	46	
58/ 57																				4	30	
56/ 55																				1	36	
54/ 53																				2	22	
52/ 51																					24	
50/ 49																					25	
48/ 47																					12	
46/ 45																					9	
44/ 43																					12	
42/ 41																					2	
TOTAL	.4	3.8	5.9	7.9	10.5	14.9	14.9	14.7	12.4	7.9	4.4	2.0	.3					744	744	744	744	
Element (X)	Σx'		Σx		Σ		e _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Num.	2628647		42583		57.2		6.050		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	4968408		60636		81.5		5.980		744				92.0	87.0	60.0	2.6	93					
Wet Bulb	3694727		52283		70.3		5.272		744				69.5	36.1	1.9		93					
Dew Point	3090445		47585		64.0		7.952		744				41.5	10.9	.1		93					

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
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73-80

YEARS

JUL

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PAGE 1 1500-1700
HOURS (L. S. T.)

NOV 11 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/ 95									.3		.1							3	3				
94/ 93								.1	.8	.3	.3							11	11				
92/ 91							.5	.7	.9	.8	.1							23	23				
90/ 89						.3	.8	1.6	1.3	.4			.1					34	34				
88/ 87						.1	1.6	1.3	.9	.5	.3	.4	.1					40	40				
86/ 85					.7	2.3	1.3	1.6	.3	.1	.3	.1	.1					51	51				
84/ 83			.1	.9	2.6	1.7	2.6	1.7	.5	.7	.4	.7						89	89				
82/ 81			.7	.7	2.6	3.1	2.2	1.7	1.6	1.3	.8							109	109				
80/ 79		.1	1.1	1.9	2.3	2.2	1.9	1.9	.9	.8	.5							101	101	18	1		
78/ 77		.5	.4	1.2	1.5	2.2	1.9	.7	1.3	.7	.1							78	78	41	5		
76/ 75	.3	.7	1.2	2.2	2.2	1.3	1.9	.8	1.5	.4								92	92	89	27		
74/ 73	.4	.8	1.1	1.7	1.1	.9	.8	.4										54	54	117	38		
72/ 71	.5	.7	.5	.7	.4	.1	.1	.1	.1									25	25	108	85		
70/ 69		.5	.3	.4		.1												10	10	80	90		
68/ 67	.1		.5		.3	.1		.4										11	11	85	82		
66/ 65		.4	.3	.1														6	6	68	71		
64/ 63																				68	77		
62/ 61		.1	.4															4	4	32	54		
60/ 59		.3																2	2	30	35		
58/ 57																				4	40		
56/ 55																					35		
54/ 53																				3	27		
52/ 51																					23		
50/ 49																					15		
48/ 47																					14		
46/ 45																					18		
44/ 43																					3		
42/ 41																					3		
TOTAL	1.3	4.2	6.6	9.8	13.5	14.5	15.6	13.2	10.6	6.1	3.0	1.2	.4					743	743	743	743		
Element (X)	Σx²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	2825209		44183		59.5		16.329		743		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	4810144		59618		80.2		5.967		743						91.5		85.7		52.1		1.8		93
Wet Bulb	3643253		51885		69.8		5.196		743						67.3		33.2		.8				93
Dew Point	3077782		47472		63.9		7.760		743						41.1		8.9						93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/ 95									.1	.0	.0	.0						8	8				
94/ 93								.2	.2	.1	.1							30	30				
92/ 91							.2	.2	.2	.3	.1							63	63				
90/ 89						.2	.3	.5	.5	.3	.0	.0	.1					107	107				
88/ 87					.0	.2	.6	.5	.3	.2	.1	.1	.0					124	124				
86/ 85			.1	.1	.3	1.0	.6	.6	.3	.1	.2	.2	.0					206	206				
84/ 83			.1	.3	.9	1.0	1.2	.6	.4	.3	.2	.1						305	305	1			
82/ 81		.0	.4	.6	1.2	1.3	.9	.8	.6	.3	.3							375	375	4	1		
80/ 79		.0	.5	1.5	1.4	1.4	.8	.7	.5	.3	.2							430	430	66	7		
78/ 77	.0	.5	1.1	1.7	1.5	.7	.9	.3	.4	.3	.1							450	450	150	21		
76/ 75	.1	1.7	2.5	2.7	1.1	.9	.7	.3	.4	.2								629	629	353	128		
74/ 73	.5	2.5	2.9	2.3	1.0	1.1	.4	.4	.2									668	668	678	293		
72/ 71	.7	2.7	3.4	1.2	.8	.4	.1	.2	.0									569	569	722	525		
70/ 69	.6	3.4	3.4	.8	.6	.4	.2	.1										558	558	864	736		
68/ 67	1.1	2.6	2.1	.6	.5	.2	.1	.1										421	421	795	797		
66/ 65	.6	2.2	1.2	.9	.4	.1	.1											322	322	682	720		
64/ 63	.4	1.7	.8	.4	.2	.1												214	214	534	627		
62/ 61	.2	1.0	.7	.2	.1	.0												136	136	339	436		
60/ 59	.1	.9	.5	.3	.1	.0												106	106	307	375		
58/ 57	.1	.5	.4	.2	.1													73	73	150	306		
56/ 55	.1	.7	.5	.2	.1													94	94	99	270		
54/ 53	.0	.2	.3	.1														34	34	95	182		
52/ 51	.0	.1	.2	.1														21	21	59	163		
50/ 49		.0	.1															6	6	33	131		
48/ 47		.0																2	2	13	102		
46/ 45																				7	64		
44/ 43																					50		
42/ 41																					16		
40/ 39																					1		
TOTAL	4.5	20.8	20.8	14.1	10.3	9.0	7.1	5.3	4.1	2.2	1.2	.4	.1					5951		5951	5951		
																		5951		5951			
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	33898657		436751		73.4		17.609		5951		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		
Dry Bulb	32765820		438998		73.8		8.007		5951				618.0		424.4		181.0		4.8		744		
Wet Bulb	27319990		401646		67.5		5.969		5951				454.2		156.5		4.1				744		
Dew Point	24562013		379931		63.8		7.171		5951				313.6		56.3		.1				744		

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
RZ/ 81			.1															1	1			
RC/ 79		.3																2	2			
RE/ 77		.4	1.6	.3	.1													18	18	4	2	
RF/ 75	.5	2.6	4.7	1.1	.5													70	70	17	11	
RG/ 73	1.3	4.8	6.9	1.3	.4													110	110	53	32	
RH/ 71	.8	7.0	8.5	1.1	.3													131	131	79	60	
RI/ 69	.9	6.5	4.7	1.2	.7	.1		.1										106	106	136	110	
RJ/ 67	.3	5.1	4.6	1.3	.4													87	87	114	119	
RK/ 65	.8	4.2	2.3	.4														57	57	80	88	
RL/ 63	.1	2.6	1.6	.1	.1													34	34	78	70	
RM/ 61	.3	2.0	1.1		.1													26	26	47	70	
RN/ 59	.1	4.0	.7	.1	.1													38	38	31	39	
RO/ 57		1.6	.9															19	19	38	43	
RP/ 55	.1	2.0	.8	.1	.4													26	26	22	34	
RQ/ 53		1.1	.1	.1														10	10	18	22	
RR/ 51		.5		.3														6	6	13	15	
RS/ 49																				6	10	
RT/ 47			.3															2	2	3	7	
RU/ 45			.1															1	1	2	3	
RV/ 43																				3		
RW/ 41																					3	
RX/ 39																					6	
TOTAL	5.4	44.6	39.0	7.5	3.2	.1		.1										744	744	744	744	
Element (X)	Σx²		Σx		X̄	S _n	No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	5619446		64366		86.5	8.279	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	3507755		50889		68.4	6.027	744				65.6	25.1	.3		93							
Wet Bulb	3245574		48930		65.8	6.099	744				50.4	9.3			93							
Dew Point	3099988		47766		64.2	6.698	744				41.8	5.6			93							

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

GLCRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83			.1	.1	.3	.1												5	5					
82/ 81		.3	.1	.8	.8	.1												16	16					
80/ 79		.5	.9	.7	.1	.5												21	21	4	1			
78/ 77	.3	.8	3.0	1.7	.7	.7	.1	.1										55	55	9	10			
76/ 75	.7	3.1	5.0	2.3	1.3	.3												94	94	42	14			
74/ 73	.8	5.1	6.3	2.6	.3													112	112	70	52			
72/ 71	1.1	7.0	5.0	1.2	.9	.3												115	115	115	77			
70/ 69	.3	4.8	4.2	1.1	.7													82	82	118	117			
68/ 67	.5	3.0	2.3	.8	.5		.1											54	54	102	105			
66/ 65	.8	4.2	2.3	1.1		.1												63	63	69	88			
64/ 63		1.7	1.1	1.3	.3	.1												34	34	57	60			
62/ 61	.3	1.9	1.5	.3	.1	.4												33	33	44	54			
60/ 59	.1	1.6	.9	.1		.3												23	23	33	44			
58/ 57		.9	.4	.1	.3													13	13	32	32			
56/ 55		.5	.5	.1														9	9	13	29			
54/ 53		.8	.1	.1	.1													9	9	11	14			
52/ 51		.1	.1	.1														3	3	14	15			
50/ 49				.1														1	1	4	10			
48/ 47				.1														1	1	3	6			
46/ 45																				2	2			
44/ 43			.1															1	1	1	4			
42/ 41																					4			
40/ 39																				1	4			
38/ 35																					2			
TOTAL	4.8	36.4	34.0	14.9	6.5	3.0	.3	.1										744	744	744	744			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5314120		62406		83.9		10.348		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	3701673		52271		70.3		6.278		744				69.3	37.9	3.8		93							
Wet Bulb	3367196		49834		67.0		6.275		744				57.5	15.6	.3		93							
Dew Point	3185528		48394		65.0		7.124		744				47.0	9.6	.1		93							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
94/ 93							.1	.1		.1								3	3							
92/ 91							.1	.1	.5									7	7							
90/ 89						.3	.5	.7	.1									12	12							
88/ 87					.3	.9	1.9	.9	.1		.3	.1						34	34							
86/ 85			.1	.3	2.0	3.6	1.5	.5	.7	.4								68	68							
84/ 83			.3	1.6	1.9	1.9	1.2	1.1	1.1	.3	.1							70	70							
82/ 81			.5	2.8	3.0	2.6	1.7	.9	.4									89	89	4						
80/ 79		.3	.7	4.2	3.5	2.2	2.0	1.2	.1	.1								106	106	14	2					
78/ 77		.9	2.2	3.4	2.3	1.5	.8	.8	.5									92	92	48	8					
76/ 75		1.2	3.6	1.2	2.4	2.3	.7	.9	.1									93	93	113	34					
74/ 73	.3	.9	1.9	1.6	1.1	1.1	1.6	.1	.1									65	65	132	62					
72/ 71		.9	.5	.7	.8	.3	.9											31	31	101	114					
70/ 69	.1	.1	.3	.1	.7	1.1	.1	.1	.1									21	21	89	130					
68/ 67		.4	.7	.4	.4	.4	.3	.3	.3									23	23	76	60					
66/ 65		.8	.7	.4		.3	.3	.1										19	19	46	57					
64/ 63	.1	.4	.3	.4	.1	.1												11	11	44	56					
62/ 61																				38	57					
60/ 59																				20	48					
58/ 57																				5	22					
56/ 55																				7	30					
54/ 53																				4	19					
52/ 51																				3	19					
50/ 49																					11					
48/ 47																					3					
46/ 45																					3					
44/ 43																					5					
42/ 41																					1					
36/ 35																					2					
34/ 33																					1					
TOTAL	.5	6.0	11.7	17.1	18.4	18.5	13.8	8.1	4.3	.9	.4	.1							744	744	744					
																		744		744						
Element (X)	Σ x ²			Σ x			Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3413321			49305			66.3		74.0		744		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4608747			58391			78.5		5.924		744						89.3		79.9		41.6		.4		93	
Wet Bulb	3699698			52306			70.3		5.489		744						72.1		38.9		1.0				93	
Dew Point	3257649			48929			65.8		7.323		744						51.3		13.3		.1				93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ

73-80

YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.4	.3	.3	.1						8	8		
94/ 93								.7	.3	.4	.7							15	15		
92/ 91							.1	.3	.9	.4								13	13		
90/ 89					.3	.4	.8	3.1	1.1	.3	.1							45	45		
88/ 87					.8	2.2	3.2	1.6	1.6	1.2	.8	.4						88	88		
86/ 85				.4	2.4	5.0	2.4	1.1	.9	.7	.8							102	102		
84/ 83				.8	2.6	2.4	2.3	1.3	1.7	.3	.1							86	86		
82/ 81				2.6	2.4	1.7	1.7	1.3	.7	.5								82	82	4	
80/ 79			.9	2.7	1.3	1.7	1.3	1.2	.7	.5								78	78	28	1
78/ 77		.8	.7	1.7	1.7	.8	1.6	1.2	.7									69	69	69	9
76/ 75			.7	1.2	.5	2.2	1.2	1.1	.8									57	57	144	33
74/ 73		.1	1.3	.3	.7	.8	.5		.3									30	30	110	84
72/ 71		.4	.7	.1	.3	.7	.7	.4	.3	.3								28	28	81	92
70/ 69		.4	.7	.1			.1	.1	.3									13	13	87	98
68/ 67		.3	.8	.7		.1	.3											16	16	64	73
66/ 65	.1	.4	.1	.1			.1											7	7	53	65
64/ 63		.1	.1	.4														5	5	49	53
62/ 61			.1															1	1	21	48
60/ 59																				15	56
58/ 57																				9	35
56/ 55																				7	26
54/ 53																				2	25
52/ 51																					18
50/ 49																					8
48/ 47																					7
46/ 45																					2
44/ 43																					4
42/ 41																					2
40/ 39																					3
38/ 37																					1
TOTAL	.1	2.6	6.2	11.2	13.1	18.0	16.6	13.5	10.6	4.8	2.8	.5						743	743	743	743
																		743		743	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	2792000		44306		59.6		4.217		743		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	4965234		60554		81.5		6.372		743				91.4	84.2	60.1	2.9	93				
Wet Bulb	3774432		52802		71.1		5.446		743				73.5	44.4	1.5		93				
Dew Point	3222020		48614		65.4		7.455		743				48.8	15.9			93				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

AUG

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97									.1									1	1					
96/ 95								.1	.1	.4								5	5					
94/ 93								.3	.3		.1							5	5					
92/ 91							.1	.4	.4	.1	.3							10	10					
90/ 89						.1	.4	1.5	1.1	.3								25	25					
88/ 87						1.1	1.9	1.7	.5	.8	.9	.1						53	53					
86/ 85				.1	1.3	2.3	2.2	.8	1.2	.1	.1							61	61					
84/ 83			.1	.9	1.9	3.0	2.4	1.6	1.2	.8								89	89					
82/ 81			.4	3.1	4.3	2.0	.9	1.1	.8	.3								96	96	4				
80/ 79			.9	2.4	3.0	2.0	1.6	1.1	.3									84	84	12	1			
78/ 77		.9	2.0	1.9	1.6	2.0	1.7	.9	.4	.3	.1							89	89	40	7			
76/ 75	.1	1.2	1.3	2.4	2.2	1.7	2.3	.9										91	91	114	28			
74/ 73		.7	1.2	.9	.5	1.7	.7	.4	.1	.1								48	48	147	69			
72/ 71		.5	.7	.4	.8	1.1	.4	.1	.4	.1								34	34	84	80			
70/ 69		.3	.5	.8	.3	.7	.5		.1									24	24	96	105			
68/ 67		.3	.5	.4	.1		.7											15	15	67	105			
66/ 65		.5	.3	.1	.3													9	9	67	46			
64/ 63				.1														1	1	50	60			
62/ 61			.1	.1														2	2	30	47			
60/ 59			.1															1	1	10	53			
58/ 57																				13	52			
56/ 55																				9	34			
54/ 53																					18			
52/ 51																					13			
50/ 49																					8			
48/ 47																					5			
46/ 45																					5			
44/ 43																					2			
42/ 41																					3			
40/ 39																					2			
TOTAL	.1	4.4	8.3	13.9	16.3	17.8	15.9	11.0	7.1	3.4	1.6	.1						743	743	743				
Element (X)	Σ X ²			Σ X			Σ	σ _n	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.	3065799			46509			62.6	4.430	743			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	4748786			59230			79.7	6.046	743					91.4	82.2	48.9	1.4	93						
Wet Bulb	3697821			52273			70.4	5.219	743					70.6	39.7	1.0		93						
Dew Point	3194093			48427			65.2	7.131	743					49.4	13.1			93						

PSYCHROMETRIC SUMMARY

AUG

YEARS

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS AUG MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
98/ 97									.0									1	1			
96/ 95								.0	.1	.1	.0	.0						13	13			
94/ 93							.0	.1	.1	.1	.1							24	24			
92/ 91						.0	.1	.1	.2	.1	.0							30	30			
90/ 89					.0	.1	.2	.7	.3	.1	.0							83	83			
88/ 87				.0	.2	.6	.9	.6	.3	.3	.3	.1						183	183			
86/ 85			.0	.1	.7	1.4	.8	.4	.4	.2	.1							242	242			
84/ 83			.1	.5	.9	1.1	.8	.5	.5	.2	.0							273	273			
82/ 81		.0	.3	1.2	1.6	1.0	.7	.5	.3	.1								333	333	15		
80/ 79		.3	.6	1.6	1.4	1.0	.7	.5	.1	.1								370	370	65	7	
78/ 77	.0	.9	2.0	1.7	1.2	.8	.7	.4	.2	.0	.0							475	475	189	51	
76/ 75	.3	2.0	3.5	2.2	1.2	1.1	.6	.4	.1									675	675	519	155	
74/ 73	.6	3.2	4.4	2.1	.7	.6	.4	.1	.1	.0								731	731	720	424	
72/ 71	.5	3.6	3.8	1.0	.7	.4	.3	.1	.1	.1								624	624	797	620	
70/ 69	.3	3.3	2.9	1.0	.5	.3	.1	.1	.1									514	514	850	872	
68/ 67	.2	2.2	2.3	.8	.3	.1	.2	.0	.0									367	367	762	816	
66/ 65	.3	2.6	1.9	.7	.1	.1	.1	.0										345	345	527	582	
64/ 63	.1	1.2	.8	.4	.1	.1												160	160	481	522	
62/ 61	.1	1.1	.8	.3	.1	.1												147	147	330	439	
60/ 59	.1	1.3	.6	.1	.1	.0												130	130	203	409	
58/ 57	.0	.7	.4	.0	.1													70	70	176	297	
56/ 55	.1	.7	.3	.2	.1													77	77	123	243	
54/ 53	.1	.5	.1	.1	.0													45	45	72	159	
52/ 51		.2	.1	.1														20	20	58	129	
50/ 49		.0	.0	.1														6	6	30	75	
48/ 47			.1	.1														6	6	14	48	
46/ 45			.0															2	2	6	27	
44/ 43			.0															1	1	7	25	
42/ 41			.0															1	1	2	19	
40/ 39																				2	17	
38/ 37																					5	
36/ 35																					6	
34/ 33																					1	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

AUG

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				Dry Bulb	Wet Bulb	Dew Point	
78/ 77		.3	.4	.6																9	9			
76/ 75		.7	1.4	1.1	.4															26	26	2	2	
74/ 73	.1	1.7	2.5	1.0		.3	.1													41	41	16	6	
72/ 71	.6	2.8	2.8	.7	.3															51	51	36	23	
70/ 69	1.3	4.9	2.6	.8	.4															72	72	65	51	
68/ 67	.3	3.9	2.8	1.0	.3	.1														60	60	64	59	
66/ 65	.7	4.3	1.8	1.4	.6	.1														64	64	58	65	
64/ 63	.4	4.3	1.3	1.4	.6	.1														58	58	58	43	
62/ 61	1.1	2.2	1.8	1.1	.4	.1														49	50	60	58	
60/ 59	1.0	3.2	1.8	1.1	.6															55	55	50	53	
58/ 57	.6	2.8	2.1	.6	.3	.1														46	46	50	45	
56/ 55	.7	2.6	1.7	1.0	.1															44	44	49	48	
54/ 53	.3	2.1	1.3	1.4	.1															37	37	46	47	
52/ 51	.3	2.6	.8	.4																30	30	35	30	
50/ 49	.1	1.7	1.3	.3	.1															25	25	43	53	
48/ 47		1.3	.4		.1															13	13	27	29	
46/ 45	.1	1.7	.8																	19	19	20	26	
44/ 43		.6	.1	.1																6	6	18	28	
42/ 41		.6	.1																	5	5	6	16	
40/ 39		.6																		4	4	7	16	
38/ 37		.1																		1	1	5	6	
36/ 35	.3	.3																		4	4	2	10	
34/ 33																						2	2	
32/ 31																							3	
TOTAL	7.8	45.1	27.8	13.9	4.3	1.0	.1													719	720	719	719	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	5226836		60818		84.6		10.715		719		≤ 0 F		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2834133		44741		62.1		8.659		720					32.4	9.5			90						
Wet Bulb	2587229		42681		59.4		8.641		719					22.9	2.3			90						
Dew Point	2426362		41212		57.3		9.452		719				.4	17.6	1.0			90						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point		
94/ 93									.1									1	1			
90/ 89									.1									1	1			
88/ 87							.1	.3										3	3			
86/ 85						.6	.3	.3		.1								9	9			
84/ 83				.3	1.1	1.1	.8	.1			.1							26	26			
82/ 81			.3	.3	1.1	1.0		.3	.3	.1								24	24			
80/ 79		.1	.4	1.5	1.3	.8	.3	.3	.1	.1								36	36			
78/ 77		.1	.8	1.9	1.7	1.1	1.0	1.1										56	56	7	1	
76/ 75		.6	1.7	2.5	1.3	1.8	.7	.3	.3	.3								67	67	25	7	
74/ 73		.8	2.5	2.2	1.8	2.2	1.0	.6	.4	.3								85	85	48	10	
72/ 71	.1	1.1	1.1	1.7	2.6	1.3	.8	.6	.6									71	71	59	38	
70/ 69	.1	1.5	.8	1.9	2.5	2.5	1.4	.3	.4									83	83	58	52	
68/ 67	.4	.7	1.1	1.9	1.8	1.4	1.0	.4										63	63	66	78	
66/ 65	.1	1.7	.7	1.4	1.0	2.8	.8	.1										62	62	69	37	
64/ 63	.3	1.4	1.4	1.3	1.9	1.3	.4											57	57	81	51	
62/ 61	.1	.7	.3	1.1	1.3	1.3	.1											35	35	66	55	
60/ 59		.1	1.1	.4	.4	.6	.3											21	21	67	55	
58/ 57	.4			.3	.3	.6	.3											13	13	54	55	
56/ 55			.1		.6													5	5	53	53	
54/ 53					.1	.1												2	2	33	43	
52/ 51																				16	36	
50/ 49																				6	34	
48/ 47																				8	34	
46/ 45																				4	28	
44/ 43																					18	
42/ 41																					16	
40/ 39																					8	
38/ 37																					7	
36/ 35																					1	
34/ 33																					2	
32/ 31																					1	
TOTAL	1.7	8.9	12.4	18.8	20.7	20.3	9.3	4.6	2.4	1.0	.1								720		720	
																			720		720	
Element (X)	Σx ²		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3336754		47772		66.4		15.244		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	3668401		51161		71.1		6.781		720				65.6	38.5	11.0	.1	90					
Wet Bulb	2958864		45894		63.7		6.826		720				32.9	10.0			90					
Dew Point	2538122		42246		58.7		9.085		720				.1	23.3	2.3		90					

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93									.7	.1	.1							7	7					
92/ 91								.1	.6									5	5					
90/ 89								.6	.1									6	6					
88/ 87						.1	1.0	.3										10	10					
86/ 85				.1	.4	.4	1.1	1.4			.7							30	30					
84/ 83				.6	.6	1.0	.4	.4	.7	.6	.1							31	31					
82/ 81		.1	.1	.1	.8	1.1	.4	.6	.8	.3	.3	.1						35	35					
80/ 79				.7	2.4	2.1	1.4	1.1	.8	1.0	.1							69	69	2	1			
78/ 77			.6	1.0	3.1	.4	2.4	.7	.1	.7	.1							65	65	19				
76/ 75		.1	1.4	.7	2.4	2.5	1.0	1.8	1.0	.8								84	84	23	4			
74/ 73		.4	.6	1.4	2.6	2.1	1.5	.8	1.4	.1								79	79	51	13			
72/ 71		.6	.6	1.1	1.1	1.9	1.4	1.1	.8	.1								63	63	57	26			
70/ 69	.1	.7	1.0	.3	2.8	1.8	2.4	.8	.6									75	75	58	62			
68/ 67	.1	.4	2.5	.1	1.0	1.7	1.4	.6	.3									58	58	59	48			
66/ 65		.7	.3	.7	1.0	.8	1.5	.3										38	38	93	46			
64/ 63	.3	1.0	.3	.7	1.0	1.1		.3										33	33	74	57			
62/ 61	.1	.1		.1	.3	.7	.6	.3										16	16	73	61			
60/ 59	.1	.8				.4	.3	.1										13	13	71	48			
58/ 57		.1	.1			.1												3	3	59	61			
56/ 55																				36	44			
54/ 53																				23	47			
52/ 51																				9	32			
50/ 49																				9	39			
48/ 47																				4	39			
46/ 45																					36			
44/ 43																					20			
42/ 41																					12			
40/ 39																					10			
38/ 37																					7			
36/ 35																					4			
34/ 33																					1			
32/ 31																					2			
TOTAL	.8	5.1	7.4	7.6	19.3	18.3	16.8	11.3	7.9	3.8	1.5	.1						720	720	720	720			
Element (X)	Σx ²			Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2686321			42485		59.0		15.796		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	3989968			53356		74.1		7.075		720						77.1		52.6		20.6		.9		90
Wet Bulb	3027653			46449		64.5		6.578		720						33.6		11.9		.1				90
Dew Point	2483531			41771		58.0		9.148		720				.3		19.3		2.3						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS SEP MONTH
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.1	.1	.3	.1								5	5	
90/ 89							.1	.4										4	4	
88/ 87						.1	.1	.4	.1		.3							8	8	
86/ 85					.1	.4	.6	.3										10	10	
84/ 83				.6	.3	1.1	1.0	.8	.1	.3		.1						31	31	
82/ 81			.4	.4	.7	1.7	.6	.7	.3	.4								37	37	
80/ 79		.1	.3	.8	1.4	2.4	.4	1.3	.4	1.0	.3							60	60	1
78/ 77		.4		1.8	1.7	1.5	.6	.7	.3	.1	.1							52	52	16
76/ 75		.3	1.0	1.4	.7	3.5	1.3	.6	.6	.7								71	71	20
74/ 73		.6	1.3	1.7	2.4	2.1	.8	.8	1.1	.1								78	78	38
72/ 71	.1	.6	1.3	1.3	1.5	2.2	1.3	1.7	1.0	.1								79	79	62
70/ 69		1.0	1.4	1.4	1.0	1.5	1.8	.7	.6									67	67	53
68/ 67		.6	1.0	1.5	1.8	.8	1.7	.1	.3									56	56	62
66/ 65	.1	2.8	1.3	1.0	2.5	1.3	1.0	.3										73	73	91
64/ 63		1.0	.8	1.7	1.7	.4	.3	.6										46	46	76
62/ 61		.3		.3	.7	.6	.1	.1										15	15	69
60/ 59	.4	.4		.3	.7	.4	.3	.1										19	19	74
58/ 57		.4			.7													8	8	69
56/ 55						.1												1	1	40
54/ 53																				23
52/ 51																				9
50/ 49																				12
48/ 47																				4
46/ 45																				1
44/ 43																				
42/ 41																				27
40/ 39																				15
38/ 37																				6
36/ 35																				3
34/ 33																				6
32/ 31																				3
TOTAL	.7	8.3	8.6	14.0	17.8	20.1	11.9	9.7	5.0	2.9	.7	.1						720		720
																		720		720
Element (X)	Σx²		Σx		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	2983562		44876		62.3		16.107		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	3820978		52214		72.5		6.922		720				69.8	44.5	15.4		90			
Wet Bulb	2976403		46053		64.0		6.538		720				31.5	9.4			90			
Dew Point	2488117		41823		58.1		9.037		720			.1	19.3	2.5			90			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS SEP MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87							.1											1	1			
86/ 85						.1												1	1			
84/ 83					.1	.3												3	3			
82/ 81					.3				.1									3	3			
80/ 79			.3	.1	1.1	.1			.1									13	13			
76/ 77		.6	.1	2.1	.8		.1											27	27	1		
76/ 75		.8	1.5	1.8	.4	.4		.1										37	37	13	4	
74/ 73		.7	3.5	2.1	.3	.6	.3	.1	.1									55	55	14	9	
72/ 71		1.5	3.1	1.4	2.4	.6		.3										66	66	45	7	
70/ 69	.7	2.2	3.6	2.2	1.9	.4	.3	.1										83	83	65	63	
68/ 67	.3	1.9	2.6	1.7	1.1	.7	.1	.1										62	62	53	61	
66/ 65	.1	2.8	2.4	2.5	1.1	1.1	.3											74	74	69	51	
64/ 63	.6	2.9	1.9	3.2	1.0	.4	.1											73	73	80	57	
62/ 61		1.7	3.2	2.2	.7	.4	.1											60	60	68	55	
60/ 59		1.9	2.5	1.4	.6	.4	.1											50	50	60	63	
58/ 57		1.8	2.4	1.3	.4	.4												45	45	74	56	
56/ 55		.1	.6	1.0		.1												13	13	56	55	
54/ 53		.7	1.0	.3	.7	.1												20	20	37	60	
52/ 51		1.3	1.1		.3													19	19	21	31	
50/ 49		.1	.3	.3														5	5	30	36	
48/ 47		.1	.1															2	2	13	42	
46/ 45		.6	.4															7	7	12	26	
44/ 43		.1																1	1	5	13	
42/ 41																				4	3	
40/ 39																					14	
38/ 37																					8	
36/ 35																					4	
34/ 33																					2	
TOTAL	1.7	21.9	30.6	23.5	13.2	6.3	1.7	.8	.4									720	720	720	720	
Element (X)	Σ X²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4335309		55117		76.6		12.703		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3174517		47515		66.0		7.351		720				43.9	17.5	1.6		90					
Wet Bulb	2752104		44208		61.4		7.244		720				23.9	3.5			90					
Dew Point	2484634		41844		58.1		8.569		720				18.0	1.6			90					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93230 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH

PAGE 1 2100-2300 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81				.1														1	1			
80/ 79				.1														1	1			
78/ 77		.3		.6	.1													7	7			
76/ 75		.8	1.3	1.7														27	27	7	3	
74/ 73		1.0	1.8	1.4	.1													31	31	5	6	
72/ 71		2.2	3.1	.7	.3													45	45	33	5	
70/ 69	1.1	3.2	4.7	.7	.4			.1										74	74	46	50	
68/ 67	.7	2.2	3.3	1.3	.1		.1											56	56	66	51	
66/ 65	.6	3.5	1.7	1.8	.4	.1												58	58	58	57	
64/ 63	.4	5.8	1.3	1.7	.4													69	69	57	52	
62/ 61	.8	3.5	2.1	1.1	.1													55	55	71	60	
60/ 59	.1	5.7	3.2	1.9														79	79	59	60	
58/ 57	.3	2.4	2.2	1.4														45	45	67	67	
56/ 55		3.1	1.7	1.0	.3													43	43	48	43	
54/ 53		2.8	1.9	.7	.1													40	40	58	56	
52/ 51		2.5	.8	.1	.4													28	28	32	41	
50/ 49		2.1	1.1	.6	.1													28	28	41	38	
48/ 47		.7	.1	.3														8	8	25	42	
46/ 45		.7	.8															11	11	16	30	
44/ 43		.8	.1															7	7	12	17	
42/ 41	.1	.4	.1															5	5	13	9	
40/ 39		.3																2	2	4	12	
38/ 37																				2	12	
36/ 35																					5	
34/ 33																					4	
TOTAL	4.2	43.9	31.4	17.1	3.1	.1	.1	.1										720	720	720	720	
																		720		720		
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	5105542		60216		83.6	9.830	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					90			
Dry Bulb	2834915		44815		62.2	7.954	720				30.3	8.4	.1						90			
Wet Bulb	2577549		42701		59.3	7.918	720				19.6	1.5							90			
Dew Point	2406860		41154		57.2	8.712	720				14.4	1.1							90			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

SEP
MONTH

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1	.0	.0							8	8	
92/ 91							.0	.0	.1	.0								10	10	
90/ 89							.0	.1	.0									11	11	
88/ 87						.0	.2	.1	.0		.0							22	22	
86/ 85				.0	.1	.2	.2	.2		.0	.1							50	50	
84/ 83				.2	.3	.4	.3	.2	.1	.1	.0	.0						91	91	
82/ 81		.0	.1	.1	.4	.5	.1	.2	.2	.1	.0	.0						100	100	
80/ 79		.0	.1	.4	.8	.7	.3	.3	.2	.3	.1							179	179	3
78/ 77		.2	.2	1.0	.9	.4	.5	.3	.1	.1	.0							217	217	43
76/ 75		.5	1.2	1.2	.6	1.0	.4	.3	.2	.2								328	328	92
74/ 73	.0	1.2	2.0	1.4	.9	.9	.5	.3	.4	.1								438	438	177
72/ 71	.1	1.9	2.2	1.0	1.1	.7	.4	.5	.3	.0								475	475	348
70/ 69	.6	2.8	2.9	1.1	1.1	.8	.7	.3	.2									604	604	454
68/ 67	.5	1.9	2.3	1.1	.8	.6	.5	.2	.1									458	458	509
66/ 65	.3	3.1	1.3	1.3	.9	.8	.5	.1										467	467	548
64/ 63	.4	3.1	1.1	1.5	.8	.5	.1	.1										431	431	536
62/ 61	.6	1.9	1.3	.9	.4	.4	.1	.1										332	333	503
60/ 59	.5	2.7	1.4	.8	.3	.2	.1	.0										351	351	485
58/ 57	.4	1.8	1.3	.7	.2	.2	.0											269	269	486
56/ 55	.3	1.6	.8	.6	.1	.0												199	199	363
54/ 53	.1	1.5	.9	.4	.2	.0												182	182	318
52/ 51	.2	1.6	.9	.1	.1													159	159	220
50/ 49	.1	1.2	.9	.2	.1													134	134	219
48/ 47	.1	.8	.3	.1	.0													69	69	166
46/ 45	.0	.7	.4	.1														70	70	104
44/ 43		.5	.1	.0														34	34	65
42/ 41	.0	.3	.1															27	27	44
40/ 39	.0	.3	.0															23	23	37
38/ 37	.0	.1																9	9	24
36/ 35	.1	.1																12	12	11
34/ 33																				4
32/ 31																				33
TOTAL	4.3	29.9	21.7	14.1	10.0	8.4	5.0	3.3	2.0	1.0	.3	.0						5759	5760	5759
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total		
Rel. Hum.	34676247		436471		75.8		16.651		5759		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720			
Dry Bulb	25669810		380600		66.1		9.513		5760				373.9	181.7	48.7	1.0	720			
Wet Bulb	21835542		351490		61.0		8.156		5759				203.3	39.4	.1		720			
Dew Point	19526773		331165		57.5		9.163		5759			1.3	141.9	11.4			720			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

CT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73			.3															2	2			
72/ 71			.1															1	1			
70/ 69				.3														2	2	3		
68/ 67	.1	.7	.7	.3	.1			.1										15	15	3	4	
66/ 65	.4	3.0	.3		.1													28	28	13	8	
64/ 63	.4	3.1	.3	.7														33	33	38	18	
62/ 61	.8	1.7	.9	.3	.4													31	31	24	41	
60/ 59	.5	3.5	1.1	.4		.1												42	42	28	23	
58/ 57	.4	3.2	1.1	.8	.1	.3												44	44	38	29	
56/ 55	.9	1.6	2.4	.1	.7	.4												46	46	36	34	
54/ 53	.4	3.6	1.5	.3	.1	.3												46	46	44	36	
52/ 51	1.2	2.7	1.7	.5	.3													48	48	51	39	
50/ 49	.5	3.6	1.9	.8	.3													53	53	40	51	
48/ 47	.3	2.3	1.9	1.5														44	44	50	41	
46/ 45	.1	5.2	1.3	.1	.1													52	52	48	30	
44/ 43	.1	2.2	2.8	.7	.1													44	44	62	42	
42/ 41		4.2	2.2	.7														52	52	30	39	
40/ 39		3.8	2.0	.1														44	44	59	34	
38/ 37		3.8	.9	.1														36	36	52	50	
36/ 35	.4	1.9	.8															23	23	44	60	
34/ 33		2.0	.8	.1														22	22	24	50	
32/ 31	.4	1.7	.5															20	20	19	46	
30/ 29		1.1	.7															13	13	19	16	
28/ 27		.1	.1															2	2	12	17	
26/ 25		.1																1	1	6	8	
24/ 23																				1	9	
22/ 21																					7	
20/ 19																					4	
18/ 17																					7	
16/ 15																					1	
TOTAL	7.1	55.1	26.3	7.8	2.4	1.1		.1										744	744	744	744	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	5230013		61751		83.08		1.874		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	1874582		36606		49.2		9.947		744				4.5		2.5		.3				93	
Wet Bulb	1702958		34808		46.8		10.011		744				7.1		.8						93	
Dew Point	1540648		32800		44.1		1.285		744				14.4		.5						93	

PSYCHROMETRIC SUMMARY

73-80

YEARS

OCT
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79						.3	.3	.1										5	5					
78/ 77					.3	.1		.1										4	4					
76/ 75				.7	.1	.1												7	7					
74/ 73				.9	.7	.4	.4		.4	.1								22	22					
72/ 71		.3	1.2	.7	.4	.1	.4											23	23	2				
70/ 69	.1	.4	1.6	.9	.7	1.2	1.2	.1	.1									48	48	14	4			
68/ 67	.1	1.1	1.5	.5	.5	1.2	.5	.8										47	47	27	9			
66/ 65	.3	2.2	.8	1.1	.9	.7	.8	.4										53	53	36	25			
64/ 63		2.0	.8	1.6	.9	1.5	.9	.1										59	59	42	44			
62/ 61	.7	.8	1.1	1.1	1.6	2.2	.4	.5										62	62	39	33			
60/ 59	.8	2.2	1.5	.9	2.6	1.9	1.1											81	81	50	30			
58/ 57	.3	1.1	1.5	1.9	1.7	1.6	1.1	.3										70	70	61	35			
56/ 55	.5	1.3	.4	1.9	2.2	1.5	.4											61	61	47	40			
54/ 53		1.1	.7	1.2	1.6	1.7												47	47	64	37			
52/ 51		.7	.4	.9	3.0	.4	.4											43	43	74	44			
50/ 49		.5	.4	1.1	.9	.5	.1											27	27	56	33			
48/ 47		.1	.1	.7	1.3	.5												21	21	54	41			
46/ 45			.7	.7	.9	.1												18	18	46	38			
44/ 43		.9	.3	.7	.9	.3												23	23	37	53			
42/ 41		.1	.3	.1	.4	.1												8	8	29	37			
40/ 39				.1	.4													4	4	22	44			
38/ 37		.1	.3	.4														6	6	20	42			
36/ 35	.4			.3														5	5	9	37			
34/ 33																				8	37			
32/ 31																				5	20			
30/ 29																				2	18			
28/ 27																					9			
26/ 25																					7			
24/ 23																					11			
22/ 21																					6			
20/ 19																					3			
18/ 17																					7			
TOTAL	3.2	14.9	13.4	18.4	22.2	16.5	8.1	2.6	.5	.1								744	744	744	744			
Element (X)	Σx²			Σx		X		Σs		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	3416385			48631		65.4		17.885		744		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	2660586			44040		59.2		8.502		744						19.5		4.8		.3				93
Wet Bulb	2140158			39368		52.9		8.762		744						.9		5.4						93
Dew Point	1728526			34780		46.7		1.754		744				10.1		1.6								93

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
84/ 83									.1									1	1								
82/ 81							.5	.8	.1									11	11								
80/ 79					.1	.5	.5	.1	.3									12	12								
78/ 77					.3	.4		.1	.1	.3								9	9								
76/ 75					.4	.1	.1	.4	.5	.3	.1	.1						16	16								
74/ 73				1.5	1.1	.9	1.5	1.1	.1	.1	.1	.1						48	48								
72/ 71		.1	.8	1.7	.7	.7	1.5	1.1	.5	.4								56	56	2							
70/ 69		.5	1.3	1.1	1.1	.9	1.7	1.1	.1	.1								60	60	17							
68/ 67		.8	1.2	.5	1.2	.7	1.1	2.3	.3	.1								61	61	39	10						
66/ 65	.1	.8	.3	.1	.7	1.7	2.0	.9	.5									54	54	44	14						
64/ 63		.7	.4	1.2	.4	2.7	1.6	.5	.1									57	57	36	47						
62/ 61		1.2	1.1	.4	1.3	1.1	1.9	.9	.3									61	61	41	33						
60/ 59	.3	2.0	.7	.8	.8	4.2	2.0	1.3										90	90	58	37						
58/ 57		1.1	.1	.8	.7	2.0	1.2	.5										48	48	73	21						
56/ 55		.5	.7	.1	1.9	1.5	1.1											43	43	50	42						
54/ 53			.3	.1	1.1	1.3	1.1	.3										31	31	73	34						
52/ 51		.4	.4	.3	.8	.8	.7	.1										26	26	60	33						
50/ 49		.1		.3	.5	.7	.5											16	16	61	34						
48/ 47			.4		1.1	1.2	.1											21	21	47	54						
46/ 45		.4	.1			.7												9	9	42	35						
44/ 43		.3		.1	.1	.4												7	7	33	39						
42/ 41					.1	.4												4	4	26	54						
40/ 39																				16	48						
38/ 37																				11	43						
36/ 35	.1																	1	1	7	28						
34/ 33																				6	27						
32/ 31	.3																	2	2	2	27						
30/ 29																					27						
28/ 27																					19						
26/ 25																					6						
24/ 23																					11						
22/ 21																					9						
20/ 19																					2						
18/ 17																					9						
Element (X)	Σ X ²				Σ X				Σ				Σ _n				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

73-80

YEARS

OCT
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1		.3		.1								4	4		
80/ 79						.3	.1	.1			.1							5	5		
78/ 77					.4		.3		.1	.1								7	7		
76/ 75				.3	.1	.3	.1	.4				.1						13	13		
74/ 73				.1	.1		.8	.4	.5	.1								16	16		
72/ 71			.8	.9	1.1	.7	.1	.5		.1	.1							33	33	1	
70/ 69		.3	1.5	1.3	.4	.8	.8	.9	.3	.1	.1							49	50	9	
68/ 67	.1	.5	2.3	.4	1.1	.8	1.5	.5	.3									56	56	17	4
66/ 65	.1	2.2	1.3	.9	1.9	2.3	1.6	.4	.3	.1								82	82	38	16
64/ 63		1.3	.1	1.3	1.6	1.6	1.2	.1	.3									57	57	48	28
62/ 61		1.9	1.1	.9	1.3	1.3	.5	.5	.1									58	58	39	43
60/ 59	.1	1.6	1.1	.9	1.3	3.4	1.5	.3										76	76	55	44
58/ 57	.4	1.2	.7	1.1	2.0	2.0	1.3	.8										71	71	68	23
56/ 55	.5	1.1	1.2	1.1	1.9	1.9	1.2	.1										67	67	77	41
54/ 53				1.5	2.2	1.3	.5	.3										43	43	62	39
52/ 51		.1		.5	1.5	1.1	.4											27	27	48	32
50/ 49		.3	.3	.5	.9	.5	.5											23	23	64	42
48/ 47			.1	.5	.8	.4	.4											17	17	50	46
46/ 45		.3	.1	.4	.8	.9												19	19	55	40
44/ 43				.4	.3	.1												6	6	30	40
42/ 41		.4			.5	.1												8	8	27	59
40/ 39					.1	.1												2	2	19	47
38/ 37					.1													1	1	17	26
36/ 35			.3															2	2	7	39
34/ 33	.1																	1	1	10	20
32/ 31																				2	28
30/ 29																					29
28/ 27																					15
26/ 25																					6
24/ 23																					12
22/ 21																					10
20/ 19																					6
18/ 17																					3
16/ 15																					3
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

YEARS

OCT

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
72/ 71			.4		.1													4	4																	
70/ 69		.1	.4		.3				.1									7	7	1																
68/ 67		.7	.8	.3	.1	.3												16	16	4	3															
66/ 65	.4	2.6	1.6	.9	.3	.3												45	45	12	10															
64/ 63	.1	1.6	1.3	1.2	.7	.3	.1											40	40	29	17															
62/ 61	.1	2.3	1.1	.4	1.1	.1		.3										40	40	40	24															
60/ 59	.4	3.6	2.3	.8	1.6	.3	.1											68	68	35	35															
58/ 57	.1	2.3	2.8	2.0	1.3	.4	.3											69	69	50	42															
56/ 55	.8	5.0	2.8	2.2	1.3	.3	.1											93	93	58	39															
54/ 53	.1	2.7	2.6	1.6	1.2	.1												62	62	71	49															
52/ 51		1.6	2.0	1.9	.7	.5												50	50	68	49															
50/ 49		1.1	1.7	2.4	1.5	.4												53	53	55	43															
48/ 47		1.5	1.1	2.4	.4	.3												42	42	52	56															
46/ 45		1.1	1.7	1.7	.5													38	38	51	42															
44/ 43		.5	1.2	1.3	.5													27	27	44	37															
42/ 41	.1	1.1	1.5	.9														27	27	49	40															
40/ 39		.9	1.2	.9														23	23	37	36															
38/ 37		.7	.4	.7	.1													14	14	27	46															
36/ 35		.5	.7	.7														14	14	24	40															
34/ 33		.1	1.1															9	9	12	39															
32/ 31		.1	.3															3	3	14	31															
30/ 29																				10	16															
28/ 27																				1	11															
26/ 25																					11															
24/ 23																					17															
22/ 21																					8															
20/ 19																					2															
18/ 17																					1															
TOTAL	2.3	30.1	29.0	22.4	11.8	3.2	.7	.3	.1									744	744	744	744															
Element (X)	ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX		
Rel. Hum.	4311792			55592			74.7			14.5			744			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total		
Dry Bulb	2186107			39845			53.6			8.3			744						.4			3.4												93		
Wet Bulb	1883666			36870			49.6			8.7			744						3.1			.6												93		
Dew Point	1615555			33723			45.3			10.8			744						12.1			.4												93		

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS OCT MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83									.0									1	1						
82/ 81						.0	.1	.1	.0	.0								15	15						
80/ 79					.0	.1	.1	.1		.0	.0							22	22						
78/ 77					.1	.1	.0	.0	.0	.1								20	20						
76/ 75				.1	.1	.1	.0	.1	.1	.0	.0	.0						36	36						
74/ 73			.1	.3	.2	.2	.3	.2	.1	.1	.0							89	89						
72/ 71		.1	.5	.4	.3	.2	.3	.2	.1	.1	.0							122	122	5					
70/ 69	.0	.3	.7	.5	.3	.4	.5	.3	.1	.0	.0							178	179	49	4				
68/ 67	.1	.8	.9	.3	.4	.4	.4	.5	.1	.0								231	231	103	43				
66/ 65	.2	2.1	.7	.4	.5	.6	.6	.2	.1	.0								328	328	174	97				
64/ 63	.4	2.3	.5	.9	.5	.8	.5	.1	.1									357	357	286	221				
62/ 61	.6	1.8	1.0	.5	.8	.6	.4	.3	.1									355	355	281	264				
60/ 59	.5	2.8	1.3	.6	.8	1.2	.6	.2										478	478	318	255				
58/ 57	.5	2.3	1.2	1.0	.9	.8	.5	.2										438	438	425	260				
56/ 55	.8	2.4	1.6	.9	1.2	.8	.4	.0										477	477	398	322				
54/ 53	.3	2.0	1.4	.9	.9	.6	.2	.1										377	377	433	292				
52/ 51	.4	1.6	1.1	.9	.9	.4	.2	.0										323	323	428	305				
50/ 49	.3	1.8	1.3	1.1	.7	.3	.2											337	337	413	323				
48/ 47	.1	1.7	1.0	1.1	.5	.3	.1											284	284	386	353				
46/ 45	.1	2.2	1.5	.7	.4	.2												299	299	401	299				
44/ 43	.1	1.9	1.2	.6	.3	.1												250	250	371	336				
42/ 41	.1	1.9	1.2	.4	.1	.1												221	221	327	359				
40/ 39	.1	1.9	1.0	.3	.1	.0												199	199	297	339				
38/ 37	.1	1.4	.7	.2	.0													141	141	254	366				
36/ 35	.2	1.1	.6	.2														123	123	191	360				
34/ 33	.1	.9	.5	.1														93	93	144	286				
32/ 31	.3	.8	.3	.0														83	83	101	280				
30/ 29	.1	.4	.3															44	44	80	166				
28/ 27	.1	.2	.1															21	21	51	112				
26/ 25		.1																8	8	24	78				
24/ 23																				10	88				
22/ 21																					60				
20/ 19																					33				
18/ 17																					42				
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS NOV MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65		.1	.4			.4												7	7			
64/ 63		1.3					.3											11	11	3	1	
62/ 61	.4	2.2	.1	.1			.1											22	22	20	7	
60/ 59	.8	2.1	.6		.1													26	26	21	30	
58/ 57	1.1	1.9	1.1		.3													32	32	28	23	
56/ 55	.1	1.7	.3	.1														16	16	19	13	
54/ 53	.8	2.5	1.4	.4	.4													40	40	24	23	
52/ 51	.7	2.1	1.0	.6	.6													35	35	33	26	
50/ 49	.1	1.5	1.8	.1	.4	.1												30	30	27	29	
48/ 47	.1	2.2	1.7	1.1	.3													39	39	25	11	
46/ 45	.6	3.3	1.5	1.1	.1													48	48	39	26	
44/ 43	.3	1.4	1.5	.4	.1													27	27	45	42	
42/ 41	.3	2.8	1.8	.8		.3												43	43	43	30	
40/ 39	.8	2.2	3.9	1.0	.1													58	58	35	35	
38/ 37	.6	1.9	2.4	1.3														44	44	40	41	
36/ 35	.1	2.6	3.2	1.0														50	50	53	24	
34/ 33		2.8	3.5	.7														50	50	48	31	
32/ 31		3.1	2.5	.8														46	46	49	50	
30/ 29		1.8	1.8	1.0														33	33	54	43	
28/ 27	.1	1.8	.8	.1														21	21	33	35	
26/ 25	.4	1.7	1.4															25	25	37	45	
24/ 23	.4	.1	.4															7	7	26	38	
22/ 21	.3	.4	.6															9	9	12	31	
20/ 19			.1															1	1	4	22	
18/ 17																				2	20	
16/ 15																					13	
14/ 13																					14	
12/ 11																					8	
10/ 9																					4	
8/ 7																					5	
TOTAL	8.2	43.6	33.8	10.7	2.5	.8	.4											720	720	720	720	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4515482		56064		77.9		14.442		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1383901		30609		42.5		10.721		720			17.8							90			
Wet Bulb	1228846		28686		39.8		10.933		720			27.1							90			
Dew Point	1045546		25760		35.8		13.128		720			41.0							90			

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME

73-80

YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80
YEARS

NOV
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67			.4															3	3					
66/ 65		.1	.3															3	3					
64/ 63	.3	1.4																12	12	6	3			
62/ 61	.8	1.9	.3	.4														25	25	21	18			
60/ 59	.3	1.3	.4			.4												17	17	13	15			
58/ 57	1.3	1.9	.6	.1														28	28	24	17			
56/ 55	.4	1.3	1.3	.1														22	22	22	24			
54/ 53	.8	2.4	1.1															31	31	21	17			
52/ 51	.4	2.1	1.4	.6														32	32	34	22			
50/ 49	.6	3.1	1.1	.4	.1													38	38	31	28			
48/ 47		2.5	1.4	1.0	.4													38	38	34	28			
46/ 45	.3	2.8	1.7	1.1														42	42	29	32			
44/ 43		2.4	2.2	.8														39	39	35	33			
42/ 41		2.9	1.7	1.0														40	40	37	22			
40/ 39	.7	1.7	3.2	.8	.1													47	47	49	34			
38/ 37	1.1	3.2	1.3	1.3	.4													52	52	50	28			
36/ 35	.3	2.2	1.4	.8														34	34	43	41			
34/ 33	.4	3.2	3.9	.3														56	56	39	35			
32/ 31	.1	5.1	2.1	1.1														61	61	46	47			
30/ 29	.1	1.9	2.4	.1														33	33	73	38			
28/ 27	.1	1.4	1.4															21	21	35	46			
26/ 25	.3	1.0	1.0															16	16	26	35			
24/ 23		.8	.3															8	8	19	30			
22/ 21	.4	.6	.3															9	9	14	36			
20/ 19	.7	.4	.1															9	9	11	29			
18/ 17		.3																2	2	3	17			
16/ 15		.1																1	1	3	17			
14/ 13		.1																1	1	1	11			
12/ 11																				1	5			
10/ 9																					6			
8/ 7																					2			
6/ 5																					3			
4/ 3																					1			
Element (X)	ΣX^2		ΣX		\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

0600-0800
HOURS (L-S-T)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME

73-80 YEARS

NOV MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81								.1										1	1					
80/ 79						.1	.4											4	4					
78/ 77						.1		.1										2	2					
76/ 75							.1	.3										3	3					
74/ 73		.1	.1				.1	.4										6	6	1				
72/ 71		.1		.1	.1	.3	.8	.3	.1	.3								16	16	1	2			
70/ 69			.4	.1	.3	.1	.1	.4										11	11	2				
68/ 67		.1	.3	.8	1.7	.4	.7	.3		.4								34	34	6	1			
66/ 65		.6	.6	.3	.6	.7	.7	1.3	.1									34	34	7	2			
64/ 63	.4	1.9	.7	.3		1.7	.7	1.0										48	48	18	8			
62/ 61	.1	.8	.4	1.0	1.0	.7	.6	.6	.1									38	38	39	21			
60/ 59		1.1	.4	1.0	.8	1.8	1.0	.8										50	50	28	20			
58/ 57	.3	1.5	.7	.8	1.3	1.3	1.4	.7	.3									59	59	24	24			
56/ 55		2.2	.3	.7	.8	1.1	1.0	.3										46	46	45	20			
54/ 53		.3			1.1	1.4	1.1											28	28	48	33			
52/ 51		1.1	.8	1.0	.8	.7	1.7											44	44	36	20			
50/ 49		1.5	.4	1.4	1.3	2.8	1.0											60	60	52	26			
48/ 47		.6	.4	.4	1.8	2.9	.3											46	46	44	31			
46/ 45		.7		1.4	2.6	3.5												59	59	50	38			
44/ 43		.3	.4	1.3	2.1	.8												35	35	36	29			
42/ 41		.3	.7	.8	2.1	.6												32	32	43	16			
40/ 39	.1	.4		.8	1.8	.8												29	29	56	31			
38/ 37		.6	.1	.1	1.4													16	16	62	38			
36/ 35	.3	.4	.1	.8														12	12	52	32			
34/ 33		.1		.1	.1													3	3	25	34			
32/ 31																				24	45			
30/ 29																				12	31			
28/ 27																				5	41			
26/ 25				.4														3	3		42			
24/ 23																					21			
22/ 21																				3	33			
20/ 19																					30			
18/ 17																					13			
16/ 15																					10			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

NOV
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ

73-80

YEARS

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
70/ 69				.1	.1													2	2				
68/ 67				.1														1	1				
66/ 65		.3	.4															5	5				
64/ 63	.1	1.8	.1		.1													16	16	7	2		
62/ 61	.1	2.4	.1	.6														23	23	20	13		
60/ 59	1.7	3.1	1.0	.8														47	47	33	35		
58/ 57		1.5	2.2		.6													31	31	26	15		
56/ 55		1.8	.6	.8			.3	.1										26	26	17	23		
54/ 53	.6	3.2	.7	.8	.3	.1	.3											43	43	45	17		
52/ 51	.3	1.5	1.9	.7	.8	.4	.4											44	44	24	41		
50/ 49		2.8	1.7	.7	.8	.1												44	44	31	26		
48/ 47	.1	3.2	1.5	1.3	1.3													53	53	40	21		
46/ 45	.3	1.7	1.7	1.3	1.0													42	42	47	35		
44/ 43		.7	2.6	1.7	.7	.1												42	42	33	37		
42/ 41	.1	1.3	1.9	2.4	.4													44	44	51	27		
40/ 39	.1	1.5	4.3	1.0	.7													55	55	42	22		
38/ 37		1.5	2.2	3.1	1.3													58	58	52	30		
36/ 35		.8	3.5	1.9	.4													48	48	52	27		
34/ 33		.8	1.7	3.3	.3													44	44	35	39		
32/ 31		1.0	1.0	2.2	.1													31	31	59	41		
30/ 29		.1	1.4	.3														13	13	44	39		
28/ 27			.3	.1														3	3	28	49		
26/ 25			.1															1	1	25	39		
24/ 23		.1																1	1	5	12		
22/ 21																				1	19		
20/ 19			.1															1	1		43		
18/ 17		.3																2	2		20		
16/ 15																				3	23		
14/ 13																					14		
12/ 11																					2		
10/ 9																					5		
8/ 7																					3		
6/ 5																					1		
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS NOV MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/ 67			.1															1	1			
66/ 65		.3	.4															5	5			
64/ 63		1.0				.1	.3											10	10	4	1	
62/ 61	.4	2.5		.4														24	24	17	6	
60/ 59	1.0	2.9	.3	.3														32	32	25	35	
58/ 57	1.1	1.9	1.5															33	33	32	23	
56/ 55	.6	1.5	1.8	.6														32	32	17	22	
54/ 53	.1	3.3	.4	.4		.1												32	32	42	11	
52/ 51	.4	1.0	1.1	1.0	.1	.3		.1										29	29	24	42	
50/ 49	.1	1.8	1.3	.6	.6	.1	.1											33	33	21	24	
48/ 47	.3	2.2	1.4	.6	.3	.1												35	35	23	11	
46/ 45	.1	3.6	1.7	.7	.4	.1												48	48	42	20	
44/ 43	.4	3.1	.8	1.9	.1													46	46	43	44	
42/ 41	.6	1.9	3.1	.8														46	46	43	41	
40/ 39	.3	2.5	5.3	1.3	.1													68	68	43	25	
38/ 37	.1	1.5	1.9	1.5														37	37	61	33	
36/ 35		1.8	3.2	1.7														48	48	49	30	
34/ 33		2.5	2.9	1.8														52	52	37	31	
32/ 31		1.3	2.9	1.8														43	43	53	59	
30/ 29		1.1	2.2	.6														28	28	42	34	
28/ 27		1.1	1.1	.1														17	17	36	36	
26/ 25		.8	.8															12	12	37	39	
24/ 23			.4															3	3	14	27	
22/ 21		.1	.1															2	2	9	24	
20/ 19	.1																	1	1	3	30	
18/ 17																					24	
16/ 15		.4																3	3		14	
14/ 13																				3	14	
12/ 11																					8	
10/ 9																					4	
8/ 7																					7	
6/ 5																					1	
TOTAL	5.7	40.3	34.9	16.0	1.7	1.0	.4	.1										720	720	720	720	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4334071		54771		76.1		15.267		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1439595		31321		43.5		10.354		720			13.6	.1				90					
Wet Bulb	1268339		29201		40.6		10.811		720			24.6					90					
Dew Point	1068099		25983		36.1		13.469		720			40.1					90					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-80 YEARS NOV MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81								.0										1	1						
80/ 79						.0	.1											5	5						
78/ 77						.1		.0										4	4						
76/ 75					.0	.0	.0	.1										8	8						
74/ 73		.0	.0	.0	.0		.0	.1										9	9	1					
72/ 71		.0	.0	.1	.0	.0	.2	.1	.0	.0								25	25	1	2				
70/ 69		.0	.1	.1	.1	.1	.1	.1	.0									35	35	2					
68/ 67		.1	.2	.2	.3	.1	.1	.1		.1								68	68	15	1				
66/ 65		.4	.5	.2	.1	.2	.2	.2	.0									104	104	20	6				
64/ 63	.2	1.6	.3	.2	.2	.4	.2	.2	.0	.0								193	193	70	37				
62/ 61	.3	1.9	.4	.4	.2	.3	.2	.2	.0									227	227	202	119				
60/ 59	.7	1.8	.6	.6	.3	.4	.3	.2										279	279	198	206				
58/ 57	.6	1.6	1.1	.4	.6	.3	.3	.2	.1									298	298	210	162				
56/ 55	.2	1.7	.8	.5	.4	.2	.3	.1										248	248	199	152				
54/ 53	.4	2.0	.8	.5	.5	.5	.3	.0										289	289	282	175				
52/ 51	.3	1.6	1.2	.8	.6	.4	.3	.0										307	307	260	235				
50/ 49	.1	2.0	1.3	.8	.6	.9	.2											342	342	272	217				
48/ 47	.1	2.1	1.2	.9	1.1	.7	.1											353	353	297	187				
46/ 45	.2	1.9	1.3	1.3	1.0	.9	.0											379	379	336	237				
44/ 43	.1	1.5	1.5	1.4	.9	.4												330	330	313	281				
42/ 41	.2	1.5	1.7	1.4	.8	.2												333	333	328	222				
40/ 39	.4	1.4	2.7	1.0	1.0	.2												388	388	386	233				
38/ 37	.3	1.5	1.3	1.3	.7													296	296	422	269				
36/ 35	.2	1.4	1.9	1.2	.4													294	294	396	245				
34/ 33	.1	1.6	1.9	1.0	.1													276	276	306	287				
32/ 31	.0	2.0	1.3	1.0	.0													254	254	338	366				
30/ 29	.1	.8	1.2	.4														143	143	332	319				
28/ 27	.1	.9	.6	.1														95	95	201	313				
26/ 25	.1	.7	.5	.1														76	76	169	293				
24/ 23	.1	.2	.2															29	29	91	214				
22/ 21	.2	.2	.2															35	35	53	249				
20/ 19	.2	.1	.1															24	24	31	246				
18/ 17		.1																5	5	13	140				
16/ 15		.1																5	5	8	123				
Element (X)	Σ X ²		Σ X		X	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65			.4															3	3					
64/ 63																				1				
62/ 61		.5				.1												5	5	2	1			
60/ 59		.1				.1												2	2	4	3			
58/ 57	.1	.5	1.1	.1														14	14	2	4			
56/ 55	.3	.7	.8															13	13	10	3			
54/ 53		1.7	.4															16	16	15	9			
52/ 51		1.3		.1														11	11	19	17			
50/ 49	.1	2.3	.8	.3														26	26	13	16			
48/ 47		1.7	.5	.7	.3													24	24	19	15			
46/ 45		2.0	1.3	.7	.4													33	33	17	11			
44/ 43		2.0	1.5	1.1														34	34	33	24			
42/ 41		.7	1.1	.8														19	19	24	31			
40/ 39	.5	1.9	1.9	1.5	.1													44	44	25	11			
38/ 37	.5	2.0	1.2	1.6	.1													41	41	42	16			
36/ 35	.1	2.4	2.3	2.2	.1													53	53	36	25			
34/ 33	.3	2.6	2.6	1.1														48	48	42	31			
32/ 31	.9	3.4	3.2	.4														59	59	61	51			
30/ 29	.4	1.9	3.4	1.3	.1													53	53	55	30			
28/ 27	.1	3.0	1.6	1.3														45	45	51	35			
26/ 25		3.4	2.0	.1														41	41	52	39			
24/ 23	.7	1.9	.7															24	24	50	34			
22/ 21	.5	1.9	.9															25	25	40	55			
20/ 19	.4	2.3	1.2															29	29	26	52			
18/ 17	.1	1.2	.8															16	16	19	37			
16/ 15	.5	1.9	.4															21	21	25	32			
14/ 13	.1	2.2	.1															18	18	20	22			
12/ 11		.9																7	7	14	30			
10/ 9	.1	.9																8	8	12	20			
8/ 7	.5	.1																5	5	7	22			
6/ 5	.4																	3	3	4	16			
4/ 3	.1																	1	1	1	16			
2/ 1																					21			
0/ -1	.4																	3	3	3	10			
Element (X)	Σ X ²			Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Num.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
-2 / -3																						2				
-4 / -5																						2				
-6 / -7																						1				
TOTAL	7.5	47.4	30.2	13.3	1.2	.3														744		744				
																			744		744					

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 130 ATLANTIC CITY NJ 73-80 YEARS DEC MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
6/ 65		.1	.1															2	2		
4/ 63		.1																1	1	2	
2/ 61		.3																2	2	2	
0/ 59		.7			.3													7	7	3	
8/ 57		.8	.4	.3														11	11	4	
6/ 55	.4	.5	1.1															15	15	8	
4/ 53	.1	.8	.5	.1														12	12	10	
2/ 51		.8	.4															9	9	7	
0/ 49		.7	.8	.4														14	14	14	
8/ 47		1.5	.7	.9	.1													24	24	7	
6/ 45		1.2	.7	.3	.1													17	17	17	
4/ 43		3.0	.9	.8	.1													36	36	10	
2/ 41	.8	1.6	2.0	.3														35	35	30	
0/ 39	.7	.8	1.7	.8	.1													31	31	20	
8/ 37	.5	3.4	1.2	1.9														52	52	25	
6/ 35	.3	3.2	2.7	2.2														62	62	29	
4/ 33	.5	2.3	1.3	1.3														41	41	29	
2/ 31	.5	3.9	4.8	1.3														79	79	46	
0/ 29	.5	2.6	1.5	.5														38	38	31	
8/ 27	.1	2.7	2.2	.1														38	38	43	
6/ 25	.4	3.1	2.0	.3														43	43	32	
4/ 23	.3	1.2	1.1	.1														20	20	33	
2/ 21	1.2	2.0	1.9															38	38	51	
0/ 19	.8	2.3	.5															27	27	65	
8/ 17	.1	2.4	1.2															28	28	34	
6/ 15		.9	.1															8	8	31	
4/ 13	.4	.8																9	9	25	
2/ 11	.1	2.3	.4															21	21	29	
0/ 9	.4	.8																9	9	20	
8/ 7		.7																5	5	23	
6/ 5	.4																	3	3	14	
4/ 3	.3																	2	2	16	
2/ 1	.3																	2	2	24	
0/ -1	.4																	3	3	7	
oment (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
l. Num.													≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
y Bulb																					
W Bulb																					
w Point																					

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

9373J ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69			.1															1	1						
68/ 65																				1					
64/ 63		.1																1	1						
62/ 61		.1																1	1	1					
60/ 59		.4	.1		.1													5	5	1					
58/ 57		1.6	.3	.3														16	16	6					
56/ 55	.3	.3	.8															10	10	12					
54/ 53		.9	.1	.1														9	9	8					
52/ 51	.1	.9	.3	.3														12	12	14					
50/ 49	.3	.8	.4	.4	.1													15	15	11					
48/ 47	.1	1.6	.4	.1														17	17	10					
46/ 45		1.3	1.1	.3	.1													21	21	18					
44/ 43	.1	1.5	1.2	.5	.1													26	26	19					
42/ 41	.1	2.2	1.3	.4	.1													31	31	29					
40/ 39	.9	2.3	2.3	.5	.1													46	46	36					
38/ 37	.4	2.7	1.6	.8														41	41	36					
36/ 35	.7	2.4	2.2	2.0														54	54	39					
34/ 33	.3	2.0	3.4	.9	.3													51	51	39					
32/ 31	.3	4.8	3.9	1.5														78	78	43					
30/ 29	1.1	2.0	3.0	.7														50	50	80					
28/ 27	.1	3.1	2.0	.5														43	43	56					
26/ 25	.1	2.2	2.0	.4														35	35	55					
24/ 23		2.6	.8	.1														26	26	42					
22/ 21	.4	3.0	1.3	.1														36	36	37					
20/ 19	1.9	1.3	1.6															36	36	40					
18/ 17		2.0	.5															19	19	24					
16/ 15	.3	2.0	.4															20	20	28					
14/ 13	.1	.5	.1															6	6	16					
12/ 11	.1	1.3	.1															12	12	7					
10/ 9	.1	1.1	.1															10	10	13					
8/ 7		.1																1	1	6					
6/ 5	.4	.3																5	5	5					
4/ 3	.3	.1																3	3	5					
2/ 1	.4	.4																6	6	6					
Element (X)	Σx ²		Σx		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.									≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69					.1													1	1				
68/ 67					.1													1	1				
66/ 65			.1	.1	.1													3	3				
64/ 63			.1	.3														3	3	1			
62/ 61		.4	.4	.1														7	7	1			
60/ 59		.3	.1	.1		.1	.1											6	6	8	3		
58/ 57	.1	.8	.1	.1	.1	.1												11	11	8	5		
56/ 55		1.1	.4	.8	.4	.3												22	22	8	11		
54/ 53		1.1	.4	.4	.3	.3	.1											19	19	14	8		
52/ 51	.1	1.2	.7	.8	.7	.7												31	31	13	14		
50/ 49	.3	.7	.5	.7	.5	.7												25	25	19	13		
48/ 47	.1	1.9	1.6	1.3	1.2	.1												47	47	23	12		
46/ 45	.1	1.2	.9	1.5	1.1	.4												39	39	29	18		
44/ 43		1.5	1.3	2.4	2.0	.3	.1											57	57	41	20		
42/ 41	.4	2.0	2.2	1.3	1.2	.5												57	57	40	22		
40/ 39	.4	1.9	1.7	3.2	1.9	.5												72	72	55	28		
38/ 37	.1	.7	2.3	2.6	.7													47	47	58	29		
36/ 35	.3	1.3	1.3	2.8	.8													49	49	51	32		
34/ 33	.3	1.7	2.7	1.7	.4													51	51	60	36		
32/ 31	.3	1.1	2.0	2.8	.8													52	52	62	49		
30/ 29	.3	.7	1.5	1.3	.3													30	30	57	39		
28/ 27	.3	.9	.8	1.5														26	26	39	52		
26/ 25		.8	1.5	.8														23	23	38	44		
24/ 23		.3	1.1	.4														13	13	31	28		
22/ 21		.7	1.5	.4														19	19	27	36		
20/ 19		.3	1.2	.1														12	12	19	35		
18/ 17		.5	.8															10	10	15	36		
16/ 15		.1	.1															2	2	11	35		
14/ 13	.1	.4																4	4	7	27		
12/ 11		.1	.1															2	2	4	28		
10/ 9																				2	18		
8/ 7																					11		
6/ 5																					17		
4/ 3		.1																1	1		14		
Element (X)	Σ H'		Σ H		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

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PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 67			.1		.1	.3												4	4			
66/ 65		.3	.3				.4	.4										10	10			
64/ 63		.1		.1		.4												5	5	3		
62/ 61			.4	.4	.3		.4	.4										14	14	3	4	
60/ 59		.4	.1	.3	.3		.4											11	11	4	2	
58/ 57		.5	.3	.1	.9	.3	.4	.1										20	20	7	3	
56/ 55		.5	.5	.4	.1	.9	.4	.1										23	23	7	4	
54/ 53		1.1	.8	.4	.5	1.1	.8											35	35	19	7	
52/ 51	.1	.7	.5	.4	.9	1.3	.1											31	31	24	13	
50/ 49	.3	1.6	.8	1.5	1.6	1.5	.1											55	55	28	21	
48/ 47		1.6	.8	.9	2.4	2.7	.3											65	65	22	13	
46/ 45	.1	1.1	1.3	2.7	1.9	1.2	.1											63	63	44	21	
44/ 43		1.2	.5	2.0	2.8	1.3	.5											63	63	43	27	
42/ 41		1.2	1.1	2.4	3.6	1.3												72	72	57	16	
40/ 39		.3	.9	2.3	3.0	.8	.1											55	55	62	20	
38/ 37	.3	.8	1.1	.9	1.6	.3												37	37	67	34	
36/ 35	.1	.4	.5	.9	1.6													27	27	62	29	
34/ 33		.5	.1	1.3	.9													22	22	74	35	
32/ 31	.4	.5	.5	2.6	.9													37	37	42	57	
30/ 29	.3	.3	.5	1.7	.9													28	28	28	43	
28/ 27		.4	.8	1.5	.3													22	22	28	34	
26/ 25		.3	.9	1.6														21	21	32	41	
24/ 23		.1	.3	.7														8	8	36	37	
22/ 21			.7	.1														6	6	18	51	
20/ 19		.4	.5															7	7	17	34	
18/ 17																				10	19	
16/ 15																				4	39	
14/ 13																					30	
12/ 11																					25	
10/ 9																					14	
8/ 7		.1																1	1		13	
6/ 5		.3																2	2	1	16	
4/ 3																				2	10	
2/ 1																					15	
Element (X)	Σx ²		Σx		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 YEARS DEC
STATION STATION NAME MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69			.4	.1														4	4					
66/ 65		.1	.1		.1		.1	.1										5	5	3				
64/ 63						.1	.1											2	2	3	1			
62/ 61		.4		.3		.1	.1	.1										8	8		5			
60/ 59		.4		.3	.1	.1	.1											8	8	4	1			
58/ 57		.3	.4	.3	.1		.1											9	9	3	4			
56/ 55		.8	.8	.5	.7													21	21	7	2			
54/ 53		.5	.9	.8	.3	.9	.3											28	28	19	3			
52/ 51	.1	1.3	.7	.1	.9	.8	.3											32	32	12	15			
50/ 49	.3	1.1	1.5	1.3	.8	.7												42	42	32	14			
48/ 47		.9	1.6	1.9	2.0	1.2	.1											58	58	22	13			
46/ 45	.1	1.5	.8	1.6	1.5	1.1	.1											50	50	29	22			
44/ 43		1.1	.7	2.7	2.3	.8												56	56	47	27			
42/ 41	.3	1.9	1.3	3.2	2.2	.9	.1											74	74	46	25			
40/ 39		.3	2.0	2.7	3.2	.9	.1											69	69	49	26			
38/ 37	.5	1.1	1.6	3.0	1.6	.3												60	60	68	26			
36/ 35	.5	.4	.7	2.4	1.6	.3												44	44	66	28			
34/ 33			.7	1.6	.9													24	24	63	34			
32/ 31	.7	.5	1.1	3.1	.3													42	42	64	60			
30/ 29		.7	.7	2.3	.3													29	29	40	37			
28/ 27		.7	.3	.8	.1													14	14	39	33			
26/ 25		.4	1.1	2.0														26	26	39	46			
24/ 23			.7	.8														11	11	23	28			
22/ 21		.3	.8	.7														13	13	16	45			
20/ 19		.4	.5															7	7	22	38			
18/ 17			.5															4	4	16	24			
16/ 15			.1															1	1	6	27			
14/ 13																				2	39			
12/ 11																				1	33			
10/ 9																					15			
8/ 7		.1																1	1		15			
6/ 5		.1																1	1	1	7			
4/ 3		.1																1	1	1	16			
2/ 1																				1	14			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

DEC

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80

YEARS

DEC

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80
YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
70/ 69				.1														1	1																			
68/ 67			.1															1	1																			
66/ 65		.1																1	1	1																		
64/ 63																				2																		
62/ 61		.1	.3			.1												4	4	2																		
60/ 59		.1			.1													2	2	3																		
58/ 57		.5	.9															11	11	1																		
56/ 55		.7	.8	.1														12	12	4																		
54/ 53		1.5	.5	.1	.1													17	17	18																		
52/ 51		1.2	1.1	.3														19	19	15																		
50/ 49		1.7	.3															15	15	21																		
48/ 47		2.3	.7	.3	.1													25	25	18																		
46/ 45	.4	3.0	1.7	.8	.4													47	47	27																		
44/ 43	.1	2.0	.8	.9	.5													33	33	29																		
42/ 41	.4	1.1	1.6	.5	.1													28	28	33																		
40/ 39	.3	1.7	1.9	1.1	.3													39	39	23																		
38/ 37	.7	1.7	1.9	1.1	.3													42	42	42																		
36/ 35	.1	1.5	3.0	2.2														50	50	33																		
34/ 33	.3	2.8	2.7	.9	.1													51	51	40																		
32/ 31	1.3	3.5	3.1	1.2	.5													72	72	65																		
30/ 29	.1	2.6	3.5	1.2	.1													56	56	62																		
28/ 27	.4	1.6	2.2	.7														36	36	48																		
26/ 25	.8	3.4	3.1	.4														57	57	66																		
24/ 23		.9	1.2	.1														17	17	46																		
22/ 21	.3	.8	1.5															19	19	37																		
20/ 19	.4	1.7	1.3															26	26	24																		
18/ 17	.1	.9	.5															12	12	18																		
16/ 15		2.0	.5															19	19	16																		
14/ 13		.8	.5															10	10	20																		
12/ 11	.4	.8																9	9	13																		
10/ 9	.7	.7																10	10	16																		
8/ 7																				15																		
6/ 5																				16																		
4/ 3																				20																		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																	
Rel. Hum.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						
																		Mean No. of Hours with Temperature																				
																		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F																
																		≥ 93 F	Total																			

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

730 ATLANTIC CITY NJ 73-80 DEC
 STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
C/ 69			.1	.0	.0													7	7			
E/ 67			.1	.0	.0	.0												8	8			
E/ 65		.1	.2	.0	.0		.1	.1										25	25	5		
4/ 63		.1	.0	.1		.1	.0											12	12	14	2	
2/ 61		.3	.2	.1	.0	.1	.1	.1										45	45	9	17	
C/ 59		.4	.1	.1	.1	.1	.1											46	46	31	15	
E/ 57	.0	.7	.5	.2	.2	.1	.1	.0										104	104	36	29	
E/ 55	.1	.6	.7	.2	.2	.2	.1	.0										123	123	62	41	
4/ 53	.0	1.1	.6	.3	.2	.3	.2											157	157	116	58	
2/ 51	.1	1.1	.6	.3	.3	.4	.1											166	166	133	99	
C/ 49	.2	1.3	.7	.6	.5	.4	.0											212	212	151	122	
2/ 47	.1	1.6	.8	.8	.8	.5	.1											278	278	145	114	
E/ 45	.1	1.8	1.2	1.0	.8	.4	.0											320	320	206	142	
4/ 43	.1	1.8	1.2	1.4	1.0	.3	.1											348	348	267	176	
2/ 41	.3	1.5	1.6	1.4	1.0	.4	.0											369	369	299	177	
C/ 39	.4	1.3	1.9	1.6	1.1	.3	.0											398	398	323	176	
E/ 37	.5	1.7	1.7	1.8	.7	.1												384	384	383	211	
E/ 35	.3	1.7	1.8	2.2	.6	.0												397	397	389	210	
4/ 33	.3	1.6	2.1	1.4	.5													352	352	416	267	
2/ 31	.6	2.4	2.7	1.9	.4													475	475	434	380	
C/ 29	.4	1.6	2.1	1.4	.2													337	337	460	288	
E/ 27	.1	1.7	1.5	.9	.1													257	257	385	310	
E/ 25	.2	1.9	1.8	.7														271	271	377	332	
4/ 23	.1	1.0	.9	.3														140	140	316	251	
2/ 21	.3	1.1	1.3	.2														174	174	234	385	
C/ 19	.5	1.1	1.1	.0														163	163	199	344	
E/ 17	.1	.9	.6															96	96	144	284	
E/ 15	.1	1.0	.3															83	83	129	261	
4/ 13	.1	.7	.1															51	51	87	219	
2/ 11	.1	.8	.1															57	57	60	253	
C/ 9	.2	.4	.0															38	38	67	158	
E/ 7	.1	.2																14	14	23	139	
E/ 5	.2	.1																14	14	16	108	
4/ 3	.1	.1																8	8	11	123	
oment (X)	Σ x ²		Σ x		Σ x		Σ x		Σ x		No. Obs.		Mean No. of Hours with Temperature									
il. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
y Bulb																						
st Bulb																						
ew Point																						

PSYCHROMETRIC SUMMARY

92730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
PAGE 2 ALL HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
98/ 97									.0									1	1						
96/ 95								.0	.0	.0	.0	.0						21	21						
94/ 93							.0	.0	.0	.0	.0							69	69						
92/ 91						.0	.0	.0	.1	.0	.0	.0	.0					118	118						
90/ 89					.0	.0	.1	.1	.1	.0	.0	.0	.0					256	256						
88/ 87				.0	.0	.1	.2	.1	.1	.1	.0	.0	.0					424	424						
86/ 85			.0	.0	.1	.3	.2	.1	.1	.0	.1	.0	.0		.0			633	633						
84/ 83			.0	.1	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0			849	849	1					
82/ 81		.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	.0	.0					1083	1083	24	1				
80/ 79		.0	.1	.4	.4	.4	.2	.2	.1	.1	.0	.0	.0					1399	1399	144	18				
78/ 77	.0	.1	.3	.4	.4	.2	.3	.2	.1	.1	.0	.0	.0					1550	1550	444	83				
76/ 75	.0	.4	.7	.7	.4	.4	.2	.2	.1	.1	.0	.0						2212	2212	1089	360				
74/ 73	.1	.7	.9	.7	.4	.3	.3	.2	.1	.0	.0	.0						2611	2611	1856	855				
72/ 71	.1	.9	1.1	.4	.4	.2	.2	.1	.1	.1	.0							2597	2597	2323	1516				
70/ 69	.2	1.1	1.2	.4	.3	.3	.2	.1	.1	.1	.0	.0						2866	2867	2896	2479				
68/ 67	.3	1.0	.9	.4	.3	.2	.2	.2	.1	.1	.0							2574	2574	3036	2732				
66/ 65	.2	1.4	.7	.5	.3	.2	.2	.1	.1	.0	.0							2762	2762	3012	2631				
64/ 63	.2	1.3	.6	.5	.3	.3	.2	.2	.1	.0	.0							2541	2541	3048	2647				
62/ 61	.2	1.3	.7	.4	.3	.3	.2	.2	.1	.0								2505	2506	2825	2606				
60/ 59	.3	1.4	.6	.4	.3	.3	.2	.2	.0	.0	.0							2618	2618	2787	2772				
58/ 57	.3	1.2	.7	.4	.3	.2	.2	.1	.0	.0								2498	2498	2707	2655				
56/ 55	.3	1.2	.7	.4	.3	.3	.2	.1	.0									2483	2483	2481	2660				
54/ 53	.3	1.3	.7	.4	.3	.3	.1	.1	.0	.0								2383	2383	2585	2328				
52/ 51	.3	1.2	.7	.4	.3	.3	.2	.0										2361	2361	2599	2329				
50/ 49	.2	1.3	.7	.5	.4	.3	.1	.0										2477	2477	2542	2361				
48/ 47	.2	1.2	.6	.5	.5	.3	.1	.0										2295	2295	2519	2318				
46/ 45	.2	1.1	.8	.6	.5	.3	.1											2449	2449	2395	2127				
44/ 43	.2	1.1	.8	.6	.4	.2	.0											2289	2289	2397	2167				
42/ 41	.2	1.0	.8	.6	.4	.1	.0											2233	2233	2554	2045				
40/ 39	.3	1.0	1.0	.5	.4	.1	.0											2326	2327	2532	2060				
38/ 37	.3	.9	.7	.6	.3	.0												1974	1974	2580	2214				
36/ 35	.2	1.0	.8	.7	.2	.0												2025	2025	2319	2090				
34/ 33	.2	.9	.9	.5	.2	.0												1872	1872	2221	2192				
32/ 31	.3	1.2	.9	.8	.2													2381	2381	2112	2705				
Element (X)	Σ X ²			Σ X			Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93731 STATION ATLANTIC CITY NJ STATION NAME

73-81 YEARS

ALL MONTH

PAGE 2

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
30/ 29	.3	.6	.8	.5	.0													1594	1594	2253	2010			
28/ 27	.2	.6	.6	.3	.0													1248	1248	1796	1939			
26/ 25	.1	.6	.7	.2														1109	1109	1743	1826			
24/ 23	.1	.3	.4	.1														625	625	1343	1380			
22/ 21	.1	.4	.5	.1														764	764	991	1659			
20/ 19	.2	.5	.5	.0														869	869	926	1678			
18/ 17	.1	.4	.2	.0														535	535	757	1272			
16/ 15	.1	.4	.1															431	431	667	1151			
14/ 13	.1	.3	.1															338	338	448	1123			
12/ 11	.1	.2	.0															253	253	332	1102			
10/ 9	.1	.2	.0															181	181	289	951			
8/ 7	.1	.1	.0															126	126	177	841			
6/ 5	.0	.1																72	72	103	498			
4/ 3	.0	.1																66	66	78	499			
2/ 1	.0	.1																56	56	54	505			
0/ -1	.0	.0																33	33	46	228			
-2/ -3	.0	.0																20	20	23	166			
-4/ -5	.0	.0																24	24	21	108			
-6/ -7	.0																	10	10	14	80			
-8/ -9	.0																	7	7	7	50			
-10/-11	.0																	2	2	2	48			
-12/-13																					23			
-14/-15																					29			
-16/-17																					7			
-18/-19																					5			
-20/-21																					6			
-22/-23																					3			
TOTAL	6.7	30.1	22.9	14.3	9.2	6.5	4.4	2.9	1.7	.8	.4	.2	.0	.0	.0			70098	70101		70098			
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.	381532612		4994658		71.3	19.129	70098		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	220734910		3719112		53.1	18.279	70101		12.0	340.4	2409.2	403.7	523.4	11.5	8760									
Wet Bulb	183771557		3388735		48.3	16.870	70098		14.1	769.9	477.3	444.9	9.8		8760									
Dew Point	155750583		3016909		43.0	19.225	70098		93.9	2733.1	1006.1	164.8	.4		8760									

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.3	28.2	37.5	45.7	54.3	62.3	67.7	68.4	60.9	49.2	42.5	33.5	48.3
	S D	11.989	12.165	9.657	8.613	7.858	7.099	6.019	6.027	8.666	9.947	10.721	12.082	16.888
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	27.3	27.2	36.1	43.7	52.8	60.9	66.3	67.2	59.7	47.9	41.5	32.6	47.1
	S D	12.598	12.733	9.826	9.030	8.341	7.621	6.413	6.464	9.172	10.257	11.085	12.051	17.003
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760
06-08	MEAN	27.0	27.1	37.1	47.3	57.8	66.2	70.7	70.3	62.1	49.6	41.9	32.4	49.2
	S D	12.608	12.995	9.967	9.176	7.979	6.686	5.748	6.278	8.659	9.988	10.934	11.786	18.291
	TOTAL OBS	743	677	744	720	744	720	744	744	720	744	720	744	8764
09-11	MEAN	32.3	34.5	44.7	56.1	65.5	73.5	78.6	78.5	71.1	59.2	50.0	38.9	57.0
	S D	11.025	11.925	10.271	9.741	8.853	6.817	5.609	5.924	6.781	8.502	9.986	10.520	16.475
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764
12-14	MEAN	36.0	38.8	48.4	59.0	68.4	76.2	81.5	81.5	74.1	62.9	53.9	42.9	60.4
	S D	10.665	12.014	10.525	9.758	9.356	7.629	5.980	6.372	7.075	8.558	9.866	10.108	18.147
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764
15-17	MEAN	35.2	38.3	47.9	57.8	66.8	74.9	80.2	79.7	72.5	60.8	51.5	41.0	59.0
	S D	10.599	11.453	9.958	9.305	8.878	7.544	5.967	6.046	6.922	8.114	9.529	9.930	17.833
	TOTAL OBS	744	677	744	720	744	719	743	743	720	744	719	744	8761
18-20	MEAN	31.0	32.9	42.7	52.5	61.3	69.4	74.9	74.2	66.0	53.6	45.7	36.3	53.5
	S D	11.141	10.900	8.791	8.282	7.926	6.523	5.458	5.608	7.351	8.382	9.689	10.533	17.411
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763
21-23	MEAN	28.8	30.0	39.4	48.0	56.8	64.5	70.1	70.0	62.2	50.5	43.5	34.3	49.9
	S D	11.503	11.593	8.885	8.206	7.536	6.345	5.373	5.721	7.954	9.279	10.354	11.446	16.871
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759
ALL HOURS	MEAN	30.7	32.1	41.7	51.3	60.5	68.5	73.8	73.7	66.1	54.2	46.3	36.5	53.1
	S D	11.992	12.778	10.779	10.571	10.033	8.950	8.007	7.981	9.513	10.694	11.232	11.695	18.279
	TOTAL OBS	5950	5418	5952	5758	5946	5757	5951	5948	5760	5951	5758	5952	70101

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	26.4	26.1	34.7	42.3	51.8	60.0	64.9	65.8	58.4	46.8	39.8	31.0	45.8
	S.D.	11.871	11.829	9.696	8.785	8.269	7.205	6.090	6.099	8.579	10.011	10.933	11.786	16.791
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	25.5	25.5	33.6	41.0	50.8	59.2	64.1	64.9	57.6	46.0	39.1	30.3	44.9
	S.D.	12.406	12.390	9.866	9.194	8.726	7.741	6.493	6.627	9.158	10.344	11.213	11.724	16.991
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760
06-08	MEAN	25.3	25.4	34.3	43.4	54.0	62.7	66.8	67.0	59.4	47.3	39.5	29.9	46.4
	S.D.	12.412	12.670	9.974	9.013	8.081	6.624	5.588	6.275	8.641	10.144	11.123	11.539	17.771
	TOTAL OBS	742	677	744	720	744	720	744	744	719	744	720	744	8762
09-11	MEAN	29.4	30.7	39.0	47.9	57.6	65.6	69.6	70.3	63.7	52.9	44.7	34.7	50.6
	S.D.	10.940	11.318	9.604	8.613	8.018	6.428	5.142	5.489	6.826	8.762	10.094	10.330	16.774
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764
12-14	MEAN	31.8	33.3	41.2	49.3	58.8	66.2	70.3	71.1	64.5	54.2	46.5	37.0	52.1
	S.D.	10.344	10.803	9.291	8.170	7.901	6.411	5.272	5.446	6.578	8.406	9.784	9.740	16.013
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764
15-17	MEAN	31.3	33.0	41.0	48.7	58.0	65.5	69.8	70.4	64.0	53.2	45.3	35.8	51.4
	S.D.	10.385	10.397	8.864	7.679	7.574	6.307	5.196	5.219	6.538	8.242	9.902	9.836	15.929
	TOTAL OBS	744	677	744	720	744	719	743	743	720	743	719	744	8760
18-20	MEAN	28.6	29.6	38.1	46.0	55.6	63.4	68.1	68.4	61.4	49.6	42.0	33.0	48.7
	S.D.	11.108	10.652	8.678	7.731	7.492	6.062	5.083	5.318	7.244	8.722	10.416	10.592	16.422
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763
21-23	MEAN	26.8	27.7	36.1	43.8	53.5	61.4	66.4	66.7	59.3	47.6	40.6	31.6	46.9
	S.D.	11.352	11.360	9.050	8.291	7.805	6.484	5.430	5.785	7.918	9.402	10.811	11.285	16.618
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759
ALL HOURS	MEAN	28.1	28.9	37.2	45.3	55.0	63.0	67.5	68.1	61.0	49.7	42.2	32.9	48.3
	S.D.	11.613	11.836	9.794	8.936	8.452	7.118	5.969	6.191	8.156	9.774	10.893	11.155	16.870
	TOTAL OBS	5949	5418	5952	5758	5946	5757	5951	5948	5759	5950	5758	5952	70098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION		STATION NAME										YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL									
00-02	MEAN	21.4	20.8	29.5	37.8	49.4	58.5	63.2	64.2	56.6	44.1	35.8	25.6	42.3									
	S D	14.360	14.154	12.708	11.311	9.975	7.891	6.899	6.698	9.239	11.285	13.128	13.978	19.051									
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766									
03-05	MEAN	20.7	20.6	28.7	37.1	48.8	57.9	62.6	63.6	56.1	43.7	35.3	25.0	41.8									
	S D	14.562	14.562	12.656	11.315	10.051	8.325	7.096	7.179	9.760	11.467	13.155	13.808	19.148									
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760									
06-08	MEAN	20.6	20.5	29.1	38.5	50.7	60.3	64.5	65.0	57.3	44.8	35.8	24.6	42.7									
	S D	14.485	14.897	12.827	11.428	10.093	7.761	6.597	7.124	9.452	11.413	13.171	13.783	19.748									
	TOTAL OBS	742	677	744	720	744	720	744	744	719	744	720	744	8762									
09-11	MEAN	22.5	22.4	30.3	38.4	50.8	60.3	64.4	65.8	58.7	46.7	37.9	27.0	43.9									
	S D	14.321	14.694	13.183	12.321	11.458	8.863	7.439	7.323	9.085	11.754	13.332	13.724	19.437									
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764									
12-14	MEAN	23.2	22.9	30.9	38.6	50.8	59.8	64.0	65.4	58.0	45.8	37.5	27.1	43.8									
	S D	14.262	14.275	13.193	12.253	11.417	8.960	7.952	7.455	9.148	11.903	13.744	13.736	19.174									
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764									
15-17	MEAN	23.0	22.9	30.8	38.1	50.5	59.3	63.9	65.2	58.1	45.6	37.3	26.7	43.5									
	S D	14.306	14.045	13.004	12.082	11.039	8.813	7.760	7.131	9.037	11.748	14.023	13.963	19.116									
	TOTAL OBS	744	677	744	720	744	719	743	743	720	743	719	744	8760									
18-20	MEAN	22.4	22.3	30.5	38.0	50.4	59.2	64.1	65.1	58.1	45.3	36.6	26.3	43.3									
	S D	14.166	14.009	12.564	11.699	10.376	8.099	6.942	6.555	8.569	10.821	13.645	13.842	19.043									
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763									
21-23	MEAN	21.5	22.0	30.4	38.3	50.5	59.2	64.1	64.7	57.2	44.4	36.1	25.9	43.0									
	S D	13.946	14.019	12.263	11.288	9.628	7.553	6.378	6.491	8.712	10.888	13.469	13.869	18.979									
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759									
ALL HOURS	MEAN	21.9	21.8	30.0	38.1	50.2	59.3	63.8	64.9	57.5	45.1	36.5	26.0	43.0									
	S D	14.325	14.358	12.819	11.721	10.542	8.331	7.171	7.030	9.163	11.448	13.483	13.857	19.229									
	TOTAL OBS	5949	5418	5952	5758	5946	5757	5951	5948	5759	5950	5758	5952	70098									

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.6	93.0	80.0	62.5	45.6	25.0	76.4	744
	03-05	100.0	100.0	100.0	99.5	93.9	83.8	63.8	46.3	24.2	77.1	743
	06-08	100.0	100.0	100.0	99.5	94.9	85.7	65.8	47.3	25.7	77.6	742
	09-11	100.0	100.0	99.9	95.7	83.5	62.9	43.8	30.9	14.9	68.9	744
	12-14	100.0	100.0	98.7	88.4	64.2	43.3	29.6	22.2	12.0	61.6	744
	15-17	100.0	99.9	99.1	88.4	67.9	50.4	31.9	23.3	11.7	63.1	744
	18-20	100.0	100.0	100.0	98.3	87.1	72.0	49.1	33.9	17.3	71.7	744
	21-23	100.0	100.0	99.9	98.9	91.1	78.6	59.8	42.9	23.7	75.2	744
TOTALS		100.0	100.0	99.7	96.0	84.5	69.6	50.8	36.6	19.3	71.5	5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.7	93.5	78.6	58.0	41.4	24.2	75.1	678
	03-05	100.0	100.0	100.0	99.0	95.9	84.6	63.3	44.1	24.7	76.9	675
	06-08	100.0	100.0	100.0	99.6	95.9	84.0	62.5	44.3	25.4	77.0	677
	09-11	100.0	100.0	98.8	93.6	68.1	44.5	32.2	23.9	14.5	63.3	677
	12-14	100.0	100.0	95.0	78.0	47.2	30.1	22.0	17.8	10.5	55.7	678
	15-17	100.0	99.9	94.1	78.4	51.7	34.1	24.7	18.6	11.2	57.0	677
	18-20	100.0	100.0	99.3	94.8	77.7	56.5	40.9	27.3	14.3	66.8	678
	21-23	100.0	100.0	100.0	99.1	92.3	72.6	51.9	37.3	19.9	72.9	678
TOTALS		100.0	100.0	98.4	92.7	77.8	60.6	44.4	31.8	18.1	68.1	5418

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ

74-81

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.3	97.3	89.2	75.7	59.8	43.0	21.5	74.2	744
	03-05	100.0	100.0	100.0	97.7	92.1	79.0	62.5	44.8	23.1	75.8	744
	06-08	100.0	100.0	100.0	97.8	90.1	75.5	57.1	42.2	20.8	74.2	744
	09-11	100.0	99.9	97.7	81.3	59.4	41.8	29.6	18.5	9.3	59.5	744
	12-14	100.0	99.5	89.8	67.1	46.0	32.3	25.0	16.9	9.5	54.3	744
	15-17	100.0	99.3	88.8	68.1	49.9	37.1	26.6	17.6	10.6	55.3	744
	18-20	100.0	100.0	96.0	86.0	70.8	57.1	41.5	27.0	13.3	64.8	744
	21-23	100.0	100.0	99.3	95.4	84.7	73.0	54.8	37.0	17.2	71.9	744
TOTALS		100.0	99.8	96.4	86.3	72.8	58.9	44.6	30.9	15.7	66.3	5952

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.6	97.2	91.5	80.0	64.6	42.6	19.4	75.3	720
	03-05	100.0	100.0	100.0	98.6	95.3	87.9	71.3	45.7	24.0	78.5	720
	06-08	100.0	100.0	99.7	96.4	88.3	75.6	57.4	35.9	21.1	73.3	720
	09-11	100.0	99.4	90.1	71.9	49.4	32.0	23.9	16.4	8.8	55.0	719
	12-14	100.0	98.9	81.3	57.9	40.7	29.4	19.9	13.6	7.4	50.6	720
	15-17	100.0	97.4	79.6	62.6	43.8	31.4	24.2	18.8	9.4	52.5	720
	18-20	100.0	99.7	92.8	79.4	63.1	49.2	36.3	23.9	12.1	61.4	720
	21-23	100.0	100.0	98.6	94.7	84.3	69.7	55.5	35.2	17.1	71.2	719
TOTALS		100.0	99.4	92.7	82.3	69.6	56.9	44.1	30.0	14.9	64.7	5758

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.7	98.7	97.3	94.4	86.3	66.7	37.5	84.1	744
	03-05	100.0	100.0	100.0	99.7	98.9	96.8	90.3	73.6	44.0	86.7	743
	06-08	100.0	100.0	99.9	97.8	92.6	83.2	70.8	53.8	29.4	79.8	744
	09-11	100.0	100.0	94.1	82.5	65.7	49.5	36.3	26.2	12.1	62.5	744
	12-14	100.0	98.8	89.8	75.7	55.8	41.7	29.3	19.1	6.6	57.3	744
	15-17	100.0	99.2	90.7	76.3	60.2	46.5	35.6	20.6	6.5	59.4	744
	18-20	100.0	99.7	97.4	90.2	79.8	67.7	53.8	38.3	17.8	70.3	742
	21-23	100.0	100.0	99.7	98.2	95.5	89.1	76.5	58.2	27.4	80.5	741
TOTALS		100.0	99.7	96.4	89.9	80.7	71.1	59.9	44.6	22.7	72.5	5946

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	98.9	94.0	79.9	40.9	87.5	720
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.1	85.3	49.1	89.6	719
	06-08	100.0	100.0	100.0	99.9	97.8	92.2	79.4	62.4	30.0	82.2	720
	09-11	100.0	100.0	99.0	92.6	77.5	57.8	40.1	22.4	8.5	65.4	720
	12-14	100.0	100.0	97.1	85.3	63.1	43.3	27.2	14.2	5.4	59.2	720
	15-17	100.0	100.0	97.4	85.5	66.3	46.7	30.5	16.4	5.7	60.6	719
	18-20	100.0	100.0	99.6	96.5	86.4	72.8	57.5	35.3	13.3	71.6	720
	21-23	100.0	100.0	100.0	99.9	99.0	94.4	83.9	65.1	30.3	83.4	719
TOTALS		100.0	100.0	99.1	95.0	86.3	75.8	63.8	47.6	22.9	75.0	5757

USAFETAC

FORM
JUL 84

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ
STATION STATION

73-80

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
JUL	00-02	100.0	100.0	100.0	100.0	99.6	98.7	92.7	72.2	31.2	85.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	96.4	80.9	39.7	87.9	744
	06-08	100.0	100.0	100.0	100.0	99.1	93.4	79.8	58.7	23.1	81.3	744
	09-11	100.0	100.0	99.7	92.5	76.6	53.8	33.5	16.9	5.1	63.3	744
	12-14	100.0	100.0	96.2	85.3	63.6	37.4	21.8	9.5	3.2	57.2	744
	15-17	100.0	100.0	97.3	87.3	68.1	43.3	23.7	11.8	4.2	59.5	743
	18-20	100.0	100.0	99.6	96.9	90.2	74.2	50.9	23.4	9.1	70.5	744
	21-23	100.0	100.0	100.0	100.0	99.5	96.8	84.8	58.3	19.9	81.8	744
TOTALS		100.0	100.0	99.1	95.3	87.1	74.6	60.5	42.1	16.9	73.4	5951

RELATIVE HUMIDITY

AUG

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.2	95.6	83.1	29.3	86.5	744
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.4	87.5	34.9	88.1	744
	06-08	100.0	100.0	100.0	100.0	99.2	97.2	89.1	68.8	26.3	83.9	744
	09-11	100.0	100.0	99.6	97.2	84.4	63.8	39.7	17.2	3.2	66.3	744
	12-14	100.0	100.0	99.6	90.8	71.3	43.7	23.0	8.3	1.6	59.6	743
	15-17	100.0	100.0	99.5	94.6	77.8	52.0	30.4	12.0	2.7	62.6	743
	18-20	100.0	100.0	100.0	99.7	96.5	84.8	64.2	33.1	7.3	74.2	743
	21-23	100.0	100.0	100.0	100.0	100.0	98.7	91.0	67.7	19.2	83.4	743
TOTALS		100.0	100.0	99.8	97.8	91.1	79.9	66.3	47.2	15.6	75.6	5948

FORM
01-10-10

0-87-5 (OL A)

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.6	99.0	93.6	72.8	32.2	85.8	720
	03-05	100.0	100.0	100.0	100.0	99.9	99.2	96.8	91.3	42.4	88.1	720
	06-08	100.0	100.0	100.0	100.0	99.9	96.9	88.6	67.3	32.8	84.6	719
	09-11	100.0	100.0	99.7	95.7	85.0	62.4	38.3	20.3	6.3	66.4	720
	12-14	100.0	100.0	99.2	86.9	67.9	42.5	22.2	11.7	3.9	59.0	720
	15-17	100.0	100.0	99.4	90.0	75.1	51.9	30.4	15.3	4.7	62.3	720
	18-20	100.0	100.0	100.0	99.7	95.4	87.6	70.4	41.8	11.9	76.6	720
	21-23	100.0	100.0	100.0	100.0	99.6	98.2	88.8	64.9	25.6	83.6	720
TOTALS		100.0	100.0	99.8	96.5	90.3	79.7	66.1	46.9	20.0	75.8	5759

RELATIVE HUMIDITY

OCT
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
OCT	00-02	100.0	100.0	100.0	99.9	99.1	94.0	84.3	65.2	30.0	83.0	744
	03-05	100.0	100.0	100.0	100.0	100.0	97.3	90.1	71.9	37.2	85.4	744
	06-08	100.0	100.0	100.0	100.0	99.2	95.3	84.5	65.3	35.3	83.9	744
	09-11	100.0	100.0	99.7	93.5	75.3	54.0	37.5	24.3	11.6	65.4	744
	12-14	100.0	100.0	96.9	79.4	50.7	34.0	22.4	13.7	6.0	55.9	744
	15-17	100.0	99.7	96.9	86.4	62.9	41.0	28.0	17.6	7.9	59.7	743
	18-20	100.0	100.0	100.0	98.9	94.5	81.0	61.0	36.4	15.3	74.7	744
	21-23	100.0	100.0	100.0	100.0	98.0	92.1	76.7	55.5	23.0	80.3	743
TOTALS		100.0	100.0	99.2	94.8	85.0	73.6	60.6	44.0	20.8	73.5	5950

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730
STATION

ATLANTIC CITY NJ

STATION NAME

73-80

PERIOD

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.3	96.7	86.0	69.5	46.4	23.6	77.9	720
	03-05	100.0	100.0	100.0	100.0	97.6	89.3	71.3	50.4	27.5	79.3	720
	06-08	100.0	100.0	100.0	100.0	97.9	88.9	72.9	50.8	24.6	79.4	720
	09-11	100.0	100.0	99.9	91.8	71.5	53.5	38.1	25.6	12.8	65.2	720
	12-14	100.0	100.0	97.9	73.9	50.1	35.6	24.1	18.6	9.2	56.6	719
	15-17	100.0	100.0	97.6	81.4	62.6	45.8	33.1	20.2	8.6	60.8	719
	18-20	100.0	100.0	99.9	97.4	86.7	71.3	50.3	35.3	15.4	71.8	720
	21-23	100.0	100.0	99.7	99.3	93.5	81.9	64.3	43.5	19.7	76.1	720
TOTALS		100.0	100.0	99.4	92.9	82.1	69.0	53.3	36.4	17.7	70.9	5758

USAFETAC

FORM
JUL 64

0-87-5 (GL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.9	91.5	78.1	58.3	38.8	13.7	73.6	744
	03-05	100.0	100.0	99.7	99.6	92.1	79.8	60.1	39.1	16.1	74.1	744
	06-08	100.0	100.0	100.0	98.7	91.7	80.2	60.6	37.1	12.8	73.9	744
	09-11	100.0	100.0	99.1	92.6	73.4	53.5	35.8	21.8	9.3	64.1	744
	12-14	100.0	100.0	97.2	77.4	50.4	34.5	23.0	14.7	5.1	55.9	744
	15-17	100.0	99.9	97.8	83.5	59.5	41.7	27.7	17.1	7.4	58.9	744
	18-20	100.0	100.0	99.9	95.8	84.1	63.4	45.6	28.4	10.8	68.5	744
	21-23	100.0	100.0	99.9	97.4	91.0	76.1	54.8	36.8	14.1	72.6	744
TOTALS		100.0	100.0	99.2	93.0	79.2	63.4	45.7	29.2	11.2	67.7	5952

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ
STATION

STATION NAME

73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	96.0	84.5	69.6	50.8	36.6	19.3	71.5	5949
FEB		100.0	100.0	98.4	92.7	77.8	60.6	44.4	31.8	18.1	68.1	5418
MAR		100.0	99.8	96.4	86.3	72.8	58.9	44.6	30.9	15.7	66.3	5952
APP		100.0	99.4	92.7	82.3	69.6	56.9	44.1	30.0	14.9	64.7	5758
MAY		100.0	99.7	96.4	89.9	80.7	71.1	59.9	44.6	22.7	72.5	5946
JUN		100.0	100.0	99.1	95.0	86.3	75.8	63.8	47.6	22.9	75.0	5757
JUL		100.0	100.0	99.1	95.3	87.1	74.6	60.5	42.1	16.9	73.4	5951
AUG		100.0	100.0	99.8	97.8	91.1	79.9	66.3	47.2	15.6	75.6	5948
SEP		100.0	100.0	99.8	96.5	90.3	79.7	66.1	46.9	20.0	75.8	5759
OCT		100.0	100.0	99.2	94.8	85.0	73.6	60.6	44.0	20.8	73.5	5950
NOV		100.0	100.0	99.4	92.9	82.1	69.0	53.3	36.4	17.7	70.9	5758
DEC		100.0	100.0	99.2	93.0	79.2	63.4	45.7	29.2	11.2	67.7	5952
TOTALS		100.0	99.9	98.3	92.7	82.2	69.4	55.0	38.9	18.0	71.3	70098

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

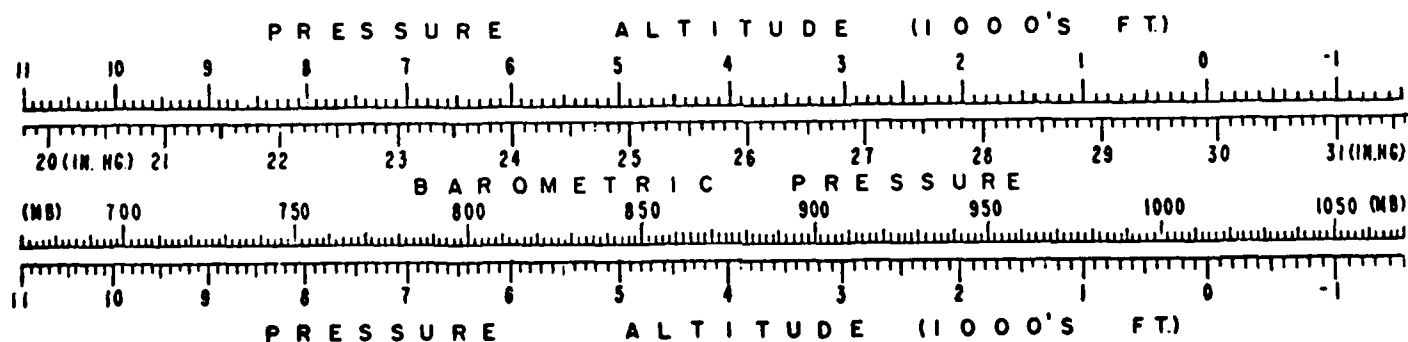
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION		STATION NAME										YEARS											
HRS. (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL									
01	MEAN	29.958	29.970	29.930	29.923	29.891	29.929	29.919	29.972	29.989	29.995	30.003	29.986	29.955									
	S.D.	.292	.281	.262	.220	.167	.170	.137	.115	.150	.212	.225	.289	.220									
	TOTAL OBS	248	226	248	240	248	240	247	248	239	248	240	248	2920									
04	MEAN	29.959	29.959	29.923	29.917	29.890	29.925	29.918	29.969	29.979	29.992	30.002	29.990	29.952									
	S.D.	.296	.282	.257	.225	.170	.171	.137	.114	.154	.210	.224	.286	.221									
	TOTAL OBS	248	225	248	240	248	240	247	248	240	248	240	248	2920									
07	MEAN	29.975	29.984	29.950	29.945	29.919	29.947	29.944	29.994	30.007	30.013	30.021	30.009	29.976									
	S.D.	.300	.279	.259	.237	.171	.174	.140	.119	.160	.214	.228	.288	.224									
	TOTAL OBS	248	226	248	240	248	240	247	247	240	248	240	248	2920									
10	MEAN	30.003	30.000	29.959	29.945	29.924	29.952	29.948	30.004	30.019	30.021	30.036	30.032	29.987									
	S.D.	.300	.275	.265	.243	.172	.174	.136	.117	.160	.221	.226	.288	.225									
	TOTAL OBS	248	226	247	240	248	240	248	248	238	248	240	248	2919									
13	MEAN	29.940	29.954	29.913	29.911	29.896	29.930	29.927	29.979	29.986	29.979	29.986	29.976	29.948									
	S.D.	.300	.275	.275	.239	.173	.175	.136	.119	.162	.223	.224	.285	.225									
	TOTAL OBS	248	226	248	240	248	239	248	247	240	247	239	247	2917									
16	MEAN	29.934	29.936	29.885	29.885	29.876	29.913	29.907	29.956	29.964	29.964	29.978	29.971	29.931									
	S.D.	.297	.269	.273	.227	.172	.174	.136	.116	.159	.221	.222	.278	.222									
	TOTAL OBS	248	226	248	240	247	240	248	247	240	248	240	248	2920									
19	MEAN	29.961	29.964	29.907	29.899	29.883	29.916	29.907	29.961	29.973	29.987	30.003	29.993	29.946									
	S.D.	.299	.271	.270	.224	.165	.169	.136	.118	.156	.221	.219	.280	.222									
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921									
22	MEAN	29.971	29.977	29.930	29.927	29.905	29.940	29.931	29.985	29.993	30.004	30.012	29.996	29.964									
	S.D.	.291	.271	.263	.220	.163	.166	.134	.115	.152	.218	.215	.282	.218									
	TOTAL OBS	248	226	248	239	247	240	248	247	240	248	240	248	2919									
ALL HOURS	MEAN	29.963	29.968	29.925	29.919	29.898	29.932	29.925	29.978	29.989	29.994	30.005	29.994	29.957									
	S.D.	.297	.275	.266	.230	.170	.172	.137	.117	.157	.218	.223	.285	.223									
	TOTAL OBS	1984	1807	1983	1919	1981	1919	1981	1980	1917	1983	1919	1983	23356									

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION

STATION NAME

YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
C1	MEAN	1017.0	1017.4	1016.0	1015.8	1014.8	1016.0	1015.7	1017.5	1018.0	1018.2	1018.5	1017.9	1016.9
	S.D.	9.921	9.528	8.863	7.489	5.689	5.800	4.680	3.936	5.153	7.228	7.632	9.829	7.488
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
C4	MEAN	1017.0	1017.0	1015.7	1015.6	1014.6	1015.8	1015.6	1017.3	1017.7	1018.1	1018.4	1018.1	1016.7
	S.D.	10.097	9.625	8.747	7.698	5.803	5.842	4.712	3.927	5.312	7.197	7.664	9.786	7.544
	TOTAL OBS	248	225	248	240	248	240	248	248	240	248	240	248	2921
C7	MEAN	1017.6	1017.9	1016.7	1016.6	1015.7	1016.7	1016.5	1018.2	1018.6	1018.9	1019.1	1018.7	1017.6
	S.D.	10.192	9.443	8.785	8.070	5.846	5.904	4.753	4.019	5.420	7.264	7.739	9.769	7.588
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
10	MEAN	1018.5	1018.4	1017.0	1016.5	1015.8	1016.7	1016.6	1018.5	1019.0	1019.1	1019.6	1019.5	1017.9
	S.D.	10.250	9.410	9.057	8.289	5.911	5.971	4.685	4.038	5.551	7.590	7.750	9.840	7.714
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	1016.4	1016.8	1015.5	1015.4	1014.9	1016.1	1015.9	1017.7	1018.0	1017.7	1018.0	1017.5	1016.6
	S.D.	10.168	9.351	9.391	8.118	5.910	5.952	4.647	4.043	5.508	7.621	7.650	9.758	7.664
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	1016.2	1016.2	1014.4	1014.4	1014.1	1015.4	1015.2	1016.9	1017.1	1017.1	1017.6	1017.4	1016.0
	S.D.	10.118	9.189	9.293	7.787	5.842	5.930	4.677	4.001	5.432	7.570	7.579	9.500	7.580
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
19	MEAN	1017.1	1017.2	1015.3	1014.9	1014.4	1015.5	1015.3	1017.1	1017.5	1018.0	1018.5	1018.2	1016.6
	S.D.	10.161	9.190	9.156	7.595	5.596	5.745	4.628	4.003	5.306	7.493	7.419	9.510	7.524
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	1017.4	1017.6	1016.0	1015.9	1015.1	1016.3	1016.0	1017.8	1018.1	1018.5	1018.8	1018.3	1017.1
	S.D.	9.968	9.248	8.959	7.499	5.576	5.693	4.596	3.970	5.236	7.476	7.367	9.691	7.452
	TOTAL OBS	248	226	248	239	247	240	248	247	240	248	240	248	2919
ALL HOURS	MEAN	1017.1	1017.3	1015.8	1015.6	1014.9	1016.1	1015.8	1017.6	1018.0	1018.2	1018.6	1018.2	1016.9
	S.D.	10.115	9.376	9.050	7.839	5.789	5.863	4.689	4.019	5.386	7.442	7.610	9.714	7.590
	TOTAL OBS	1984	1807	1984	1919	1982	1920	1984	1983	1920	1984	1920	1984	23371

USAF ETAC FORM 0-89-5 (OLA)

OCT 78

END

DATE
FILMED

5-82

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